

Angelus Britannicus:

A N

EPHEMERIS

For the Year of our Redemption, 1687.

Being 3^d. after *Bissextile* or *Leap Year*.

[The Creation of the World, 5636.]		
[The Death of our Saviour, 1654.]		
[The Conquest of this Nation, 621.]		
Since	[The Restauration of K. Ch. II. 27.]	} Yea.
	[The Last great Plague, 22.]	
	[The Burning of London, 21.]	
	[The Last great Frost, 3.]	
[The Death of K. Charles II. 2.]		J

Amplified with

Observations from the Sun's Ingress
into *ARIES*, and the other Cardinal
Points; with an Account of the Eclipses,
Conjunctions of the Planets, and other Confi-
gurations of the Heavenly Bodies.

Calculated for the Meridian of the
famous City of *London*, where the
Pole Artick is elevated above the Horizon; 1
Degr. 32 Min. but may indifferently serve for
ENGLAND, SCOTLAND and *IRELAND*.

By *John Tanner Student in Physick and Astrology.*

The One and Thirtieth Impression.

Agunt, non cogunt.

London, Printed by *E. Horton*, for the
Company of Stationers, 1687.

A Table of the exact time of the Moons coming to the South for every day of the first six Months of the Year 1687, serving to find out more exactly the time of high water in most of the eminent Ports in *England, Scotland, and Ireland*, and other Ports adjacent.

MD	January		February		March		April		May		June	
	H	M	H	M	H	M	H	M	H	M	H	M
1	9	M 31	11	M 2	10	M 4	11	35	0	A 2	1	A 17
2	10	46	12	A 2	10	48	0	A 27	0	53	2	11
3	11	40	1	2	11	58	1	15	1	45	3	1
4	0	A 50	2	10	0	A 51	2	7	2	40	3	49
5	1	51	2	56	1	43	3	2	3	34	4	37
6	2	46	3	50	2	31	3	54	4	23	5	19
7	3	37	4	38	3	21	4	48	5	15	5	57
8	4	26	5	22	4	10	5	39	5	59	6	37
9	5	12	6	12	5	1	6	28	6	42	7	19
10	6	00	7	4	5	55	7	18	7	27	8	1
11	6	45	7	58	6	50	8	2	8	68		46
12	7	36	8	46	7	41	8	49	8	50	9	38
13	8	18	9	38	8	27	9	6	9	31	10	34
14	9	11	10	25	9	13	10	7	10	24	11	30
15	10	5	11	13	10	1	10	52	11	6	12	37
16	10	55	12	2	10	47	11	35	11	58	0	M 37
17	11	46	0	M 2	11	28	12	23	12	54	1	56
18	12	32	0	37	12	9	0	M 23	0	M 54	2	39
19	0	M 32	1	19	0	M 9	1	15	1	57	3	35
20	1	16	2	14	0	57	2	9	3	14		27
21	2	2	2	50	1	31	3	7	4	25		16
22	2	43	3	27	2	14	4	54	4	54	6	3
23	3	29	4	13	3	16	5	36	6	45	6	51
24	4	0	5	1	4	3	6	0	6	42	7	38
25	4	45	5	59	5	17	7	1	7	22	8	45
26	5	28	7	1	6	37	7	53	8	17	9	17
27	6	9	8	47	7	28	8	45	8	55	10	9
28	7	7	9	7	8	29	9	26	9	45	11	2
29	8	9			9	2	10	25	10	41	11	57
30	9	12			9	56	11	6	11	26	12	50
31	10	18			10	46			12	A 23		

Days of the Month.

The residue of the Table of the Moons coming to the South every day of the other six Months, serving for the purpose aforesaid; also to find the Hour of the Night by the shadow of the Moon upon the Sun-Dial: Note, That M. stands for Morning. A. Afternoon

July		August		Septemb.		October		Novemb.		Decemb.	
In.	Mi.	Ho.	Mi.	Ho.	Mi.	Ho.	Mi.	Ho.	Mi.	Ho.	Mi.
1	A 41	2	27	3	A 19	4	A 05	A 49	6	A 11	
2	21	3	A 54		7	4	57	6	42	7	2
3	8	3	50	4	57	5	53	7	35	7	45
4	49	4	32	5	54	6	50	8	30	8	35
5	29	5	14	6	54	7	50	9	14	9	25
6	10	6	27		53	8	49	10	4	10	17
7	49	6	58	8	54	9	40	10	52	11	12
8	33	7	56	9	55	10	33	11	47	12	9
9	19	8	58	10	56	11	23	12	39	00	M 9
10	12	10	2	11	45	12	16	0	M 39	0	52
11	8	11	6	12	38	0	M 16	1	36	1	56
12	10	16	12	2	00	M 38	1	9	2	30	47
13	11	19	0	M 2	1	32	1	57	3	20	30
14	12	20	1	0	2	17	2	53	4	16	17
15	00	M 20	1	55	3	13	3	53	5	6	4
16	1	22	2	43	4	2	4	54	5	54	5
17	2	16	3	33	4	55	5	41	6	35	6
18	3	6	4	23	5	58	6	31	7	17	7
19	3	55	5	11	6	45	7	20	8	0	7
20	4	48	6	6	7	38	8	4	8	33	8
21	5	33	6	59	8	29	8	50	9	16	9
22	6	21	7	53	9	16	9	21	9	58	10
23	7	12	8	48	10	19		56	10	46	11
24	8	4	9	36	10	46	10	46	11	39	12
25	8	58	10	22	11	25	11	29	12	A 31	1
26	9	52	11	11	12	A 12	12	A 11	1	34	2
27	10	43	11	53	0	43	1	2	2	33	3
28	11	33	12	A 33	1	26	2	3	3	32	4
29	12	A 18	1	11	2	13	2	5	1	30	4
30	1	6	1	54	3	3	3	50	5	20	5
31	1	48	2	26		4		49		6	17

A Table of the Moons Rising and Setting every day of the first six Months of the year 1687, from the New Moon to the Full her Setting, from the Full to her Change, or to the New Moon her Rising.

M. D.	January.		February.		March.		April.		May.		June.	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	5	31	5	M	27	5	M	25	New	9	A	56
2	7	1	New			26	New	9	A	1	10	35
3	New	5	A	28	New	8	A	38	10	Moons	11	11
4	A	4	58	5	A	51	10	Moons	6	11	23	11
5	6	5	Moons	1	3	18	11	15	12	3	12	1
6	7	36	6	4	9	37	12	22	00	M	8	0
7	9	2	Moons	7	10	56	0	22	5	46	0	41
8	10	26	M	7	12	16	1	28	1	16	1	6
9	12	5	Setting	2	3	16	2	0	2	8	1	14
10	0	52	Setting	2	1	26	1	36	2	38	1	29
11	1	53	Setting	3	2	30	3	8	2	52	1	42
12	2	53	Setting	4	3	26	3	28	3	0	2	13
13	4	19	5	17	3	48	4	6	3	14	2	29
14	5	26	6	6	4	34	4	40	3	40	3	9
15	6	33	6	2	4	55	4	50	3	58	Full	9
16	7	27	6	45	5	16	5	9	4	22	9	18
17	8	11	Full	5	37	Full	8	Full	9	Full	9	48
18	Full	6	A	19	53	8	A	59	A	28	10	15
19	4	52	7	15	Full	9	22	10	Moons	33	10	40
20	6	38	Moons	46	7	51	16	35	11	24	11	2
21	7	14	2	45	8	53	11	33	12	1	11	21
22	8	25	16	55	10	2	12	21	0	1	11	33
23	9	35	12	13	11	27	0	21	1	0	11	45
24	10	38	0	13	12	30	1	17	1	36	12	10
25	12	0	1	6	0	3	2	14	1	42	0	10
26	0	0	2	35	1	33	3	8	2	1	1	10
27	1	4	3	26	2	28	3	29	2	11	1	47
28	2	23	4	27	3	9	3	37	2	30	2	26
29	3	33	0	3	3	38	4	8	2	59	New	9
30	4	52				7	4	33	3	12	9	A
31	5	40			4	59				New	9	

The residue of the Table of the Moon
Rising and Setting, for the other Six
Months; where Note that A. signifi
eth Afternoon, M. Morning.

M.D	July.		August.		Septem.		Octob.		Novem.		Decem.							
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.						
1	9	A	36	8	A	47	7	A	53	7	A	27	9	A	46	11	A	36
2	9		51	8		55	8		15	8		4	11	Mo.	10	12	Mo.	58
3	10	Mo.	13	9		12	8		41	9		10	2	Mo.	39	0	M	58
4	10	Mo.	25	9		26	9		20	10		28	0	M	39	2		19
5	10	Mo.	35	9		40	10		12	12		12			53		Setting.	46
6	10		50	10		22	11		16	0		13		Setting.	24	5		2
7	11	Setting.	3	11		4	12		42	1		33	4	Setting.	48	6		29
8	11	Setting.	20	11		10	0	M	42	2		55	6		8		Full	3
9	11	Setting.	37	12		20	2		15	4		2		Full	3		A	27
10	12		18	0	M	20	3	Full	54			4	A		9	4		13
11	0	M	18	1		36			4	A		55	4		43	5		35
12	1		45	2	Full	20	6	A	8	5		18	5		43	6		45
13	2	Full	36			6			23	5		41	5		57	8		2
14			7	A	25	6		Mo.	43	6		19	8	Mo.	79		Mo.	14
15	8	A	9	7		47	7		8	7		10	9	Mo.	24	10		18
16	8		34	8		17		Mo.	33	8		15	10		44	11		44
17	8		57	8		13	8		11	9		15	12		1	12		43
18	9		14	8		43	9	Rising.	18	10		34	0	M	10		M	43
19	9	Mo.	33	8		58	10		11	11		48	1		3	2		4
20	9	Mo.	45	9		33	11		26	12		57	2	Rising.	39	3		27
21	10		11	10		15	12		40	0	M	57	3		56	5		4
22	10		26	11		17	0	M	40	2		15	5		13	6		18
23	10	Rising.	55	12		20	2		45	3		21	6	New	23	7	New	30
24	11		29	0	M	26	3		55	4		30						3
25	12		15	1		27	5	New	5	5	New	4	3	A	56	4	A	44
26	0	M	15	2		29						4	4	D	52	6	D	11
27	1		12	3	New	43	5	A	57	4	A	48	5		57	7		45
28	2		21			26		D	11	5	D	42	7	Setting.	22	9	Setting.	17
29		New	7	A	10	6		Setting.	27	6		7	8		48	10		33
30	8	A	10	7		24	6		58	7		11	10		9	12		2
31	8		36	7		45			8			20			0		M	2

	☉ Rtl.		☉ Set,		Length of the Day, Night				Planetary hour		Twilight			
	I.	M.	I.	M.	H.	M.	H.	M.	I.	M.	I.	M.	H.	M.
January,	1	8	2	3	58	7	56	16	40	40	1	20	1	9
	6	7	53	4	58	10	15	50	0	41	1	19	2	7
	11	7	49	4	11	8	22	15	38	0	42	1	18	2
	16	7	41	4	18	8	32	15	24	0	43	1	17	2
	21	7	34	4	16	8	5	15	8	0	44	1	16	2
	26	7	26	4	34	9	0	14	52	0	45	1	15	2
February,	1	7	17	4	43	9	20	14	34	0	47	1	13	1
	6	7	10	4	50	9	40	14	20	0	48	1	12	1
	11	6	59	5	1	10	2	13	58	0	50	1	10	1
	16	6	53	5	7	10	12	13	46	0	51	1	9	1
	21	6	42	5	11	10	30	13	24	0	52	1	8	1
	26	6	30	5	30	11	0	13	0	0	55	1	5	1
March,	1	6	23	5	37	11	14	12	46	0	56	1	4	1
	6	6	12	5	48	11	36	12	22	0	58	1	2	1
	11	6	0	6	0	12	0	12	0	1	0	1	0	0
	16	5	52	6	8	12	16	11	44	1	1	0	59	2
	21	5	42	6	18	12	36	11	24	1	3	0	57	2
	26	5	34	6	26	12	52	11	8	1	5	0	55	2
April,	1	5	20	6	40	13	20	10	40	1	7	0	53	2
	6	5	10	6	50	13	40	10	20	1	8	0	51	2
	11	4	58	7	2	14	4	9	56	1	10	0	50	2
	16	4	50	7	10	14	20	9	40	1	12	0	48	2
	21	4	40	7	20	14	40	9	20	1	13	0	47	2
	26	4	31	7	29	14	58	9	2	1	15	0	45	1
May,	1	4	22	7	38	15	16	8	44	1	16	0	44	2
	6	4	15	7	45	15	30	8	30	1	17	0	43	3
	11	3	9	7	51	15	42	8	18	1	18	0	42	2
	16	3	2	7	58	15	56	8	4	1	19	0	41	1
	21	3	55	8	5	16	10	7	50	1	20	0	40	0
	26	3	52	8	2	16	16	7	44	1	21	0	39	0
June,	1	3	50	8	10	16	20	7	40	1	22	0	38	0
	6	3	48	8	12	16	24	7	36	1	22	0	38	0
	11	3	47	8	13	16	26	7	34	1	22	0	38	0
	16	3	48	8	12	16	24	7	36	1	22	0	38	0
	21	3	50	8	10	16	20	7	30	1	22	0	38	0
	26	3	51	8	8	16	16	7	44	1	21	0	38	0

All Twilight.

	☉ Rtl.		☽ Set		Length of the Day. Night.				Planetary hour				Twilight	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
July.	1	3	57	3	16	67	54	1	20	0	40		All	
	6	4	27	58	15	56	3	41	20	0	40		Twilight.	
	11	4	7	51	15	41	8	18	1	18	0	42		
	16	4	15	45	15	30	8	30	1	17	0	43	3	22
	21	4	21	39	15	18	8	42	1	16	0	44	3	1
August.	26	4	30	30	15	09		01	15	0	45	2	48	
	1	4	39	21	14	42	9	18	1	14	0	46	2	36
	6	4	48	12	14	24	9	36	1	12	0	48	2	28
	11	4	58	2	14	49		56	1	10	0	50	2	22
	16	5	66	54	13	48	10	12	1	9	0	51	2	16
September.	21	5	16	44	13	28	10	32	1	7	0	53	2	11
	26	5	26	34	13	8	10	52	1	5	0	55	2	9
	1	5	37	23	12	46	11	14	1	3	0	57	2	4
	6	5	47	13	12	26	11	34	1	2	0	58	2	1
	11	5	56	4	12	8	11	52	1	0	1	0	2	0
October.	16	6	65	54	11	48	12	12	0	58	1	21	58	
	21	6	16	44	11	28	12	32	0	57	1	31	57	
	26	6	26	34	11	8	12	52	0	55	1	51	57	
	1	6	36	24	10	48	13	12	0	54	1	61	56	
	6	6	46	14	10	28	13	32	0	52	1	81	56	
November.	11	6	56	4	10	8	13	52	0	50	1	101	57	
	16	7	64	54	9	48	14	12	0	48	1	121	58	
	21	7	15	45	9	30	14	30	0	47	1	131	59	
	26	7	24	36	9	12	14	48	0	45	1	152	0	
	1	7	34	26	8	52	15	8	0	44	1	162	1	
December.	6	7	42	18	8	36	15	24	0	42	1	182	3	
	11	7	49	11	8	22	15	38	0	42	1	182	4	
	16	7	56	4	8	8	15	52	0	40	1	202	6	
	21	8	1	59	7	58	16	2	0	40	1	202	8	
	26	8	6	54	7	48	16	12	0	39	1	212	10	
	1	8	10	50	7	40	16	39	0	39	1	212	11	
	6	8	13	47	7	34	16	38	0	38	1	222	11	
	11	8	13	47	7	34	16	38	0	38	1	222	11	
	16	8	13	47	7	34	16	38	0	38	1	222	11	
	21	8	8	52	7	44	16	39	0	39	1	212	11	
	26	8	2	56	7	52	16	40	0	40	1	202	11	

January hath xxxi days.

How thou approach Heavens Court (my muse) beware
 Or what their Language is do not thou pry,
 For such endeavors often prove a Snare,
 Beyond the pale of thy Innocency.
 Be'r nere so spotless, oft times 'tis the fate
 Of truth her self to want an advocate.

Month days.

Week days.

Festival Days.

h | v | d | o | f | l | d
 7 | 1 | 1 | 1 | 1 | 1 | 1

Latit-
 tude. S

1	a	New years day.	12	14	22	22	1	28	10		31	6
2	b	28 O.	12	14	23	23	17	27	3	v	38	7
3	c	h 2 21 N.	□	14	*	o	o	o	18		46	4
4	d	v o 48 N.	12	14	24	25	20	25	4	≡	3	5
5	e	o 3 N.	△	*	□	26	21	24	19		19	5
6	f	Twelfth day.	12	15	25	27	22	22	4	*X	22	A
7	g	o 45 S.	12	□	26	28	*	*	19		2	5
8	a	o 2 42 N.	12	15	△	*	25	20	3	v	17	4
9	b	1 Sun. af. Epip	o	△	27	20	26	□	17		2	3
10	c	h 2 19 N.	12	16	28	□	□	18	0	o	22	2
11	d	o 48 N.	12	16	28	2	29	△	13		18	1
12	e	o 34 N.	R	16	o	3	△	16	25		57	0
13	f	Hilary.	△	16	29	△	1	16	8	II	20	N.
14	g	o 27 O.	12	o	2	5	2	16	50		32	2
15	a	o 58 S.	12	17	1	6	1	16	2	o	32	3
16	b	2 Sun. af. Epip	□	17	2	7	5	o	14		38	4
17	c	o 1 58 N.	12	17	2	8	6	D	26		35	5
18	d	h 2 18 N.	*	17	△	o	o	16	8	o	32	5
19	e	o 49 N.	12	△	3	10	9	16	20		27	D.
20	f	o 32 N.	12	17	1	11	10	17	2	≡	34	5
21	g	o 1 9 S.	12	□	5	12	11	△	14		2	5
22	a	o 1 20 N.	12	18	5	13	12	18	25		27	5
23	b	3 Sun. af. Epip	o	18	*	14	△	19	8	≡	3	4
24	c	Term begins.	12	*	7	△	1	20	20		50	3
25	d	Convers. Paul.	12	18	7	1	1	20	?	m	30	2
26	e	h 2 17 N.	12	18	8	□	□	*	16		31	1
27	f	o 49 N.	12	19	9	8	19	22	29		34	S.
28	g	o 30 N.	*	o	o	*	20	23	13	+	35	2
29	a	o 1 19 S.	12	19	10	9	*	24	27		26	3
30	b	King Ch. Mar	□	19	10	21	22	25	12	v	1	4
31	c	o 44 S.	12	19	11	22	24	o	27		4	1

January, 1687.

Month days.

The Sun and Mars, do seem to warm the Air,
The other Stars do much disturb the Sky
With clouds and moisture, the Inferior pair
Dark Clouds and Snow do threat, which by and by
Saturn Effects, yet at the latter end,
The fortunes rays do seem us to befriend.

Lunations and other Observations.

Alp. & Weather

1	Sir John Hotham, & his Son bech. 1644	Begins Cloudy
2	3 King Charles the Seco d Crowned at School in Scotland, 1650.	* ☉ ♂ 4. a. but warmer
3	3 New Moon 15 min. past 8 Night.	then before.
4	5 Duke of Albemarle dyed, 1670.	♂ ☉ ♀ Windy
5	Fifth Monarchy men rise, 1660.	* ♂ ♀ and
6	middle X in the Jaw of the Goat rise co.	♂ ♀ ♀ 1.
7	Lucida corona occid. vesperi.	☾ Perigeon.
8	King Charles I. left London. 1641.	☁ clouds threaten.
9	First quarter 52 min. past noon	* ♂ ♀ Snow or Rain in some
10		☾ places
11	Day increased 54 min.	much Snow, re-
12	Canis minor or. vesperi.	mission of col,
13		yet most about
14	Day 8 Hours 35 minutes.	the full expect
15		a cold dark air,
16	Full Moon 53 min. past noon.	☾ Apogee.
17	Major Gen. Brown omitted to Windsor.	and some fall of
18	Fomahaud occid. vesperi. (1648.	rain, in some
19		△ ☉ h place
20		△ h ♀ Snow
21		Clearing again,
22	The Dutchess of Albem. dyed, 1670.	♂ ☉ ♀ 2 a.
23		the weather
24	Canis major oritur acronice 26.	☾ more
25	Last quarter 2 min. past 1 afternoon.	* ♀ ♀ Serene
26		* ☉ ♀ and
27		wholesome
28		Frosts to the
29	Uxbridge Treaty began. 1644.	end.
30		
31		

February hath xxviii days.

Should fair Uraniah, with her favours grace

Thy Genius, and inspire thy rustick Quill;

Be thou not so ingrate, as to disgrace

Her bounty, to set forth thy minute skill.

Silence befits thee, prudence bids thee hold

Thy tongue, lest thou be justly deem'd too bold.

Month	Week	Days	Festivals &c.	h	♂	♀	☿	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Lat.	Long.
1	D	♈ 16	♈	△	*	*	23	25	28	12								15	5
2	E	♈ 17	Candlemas.	12	15	12	♈	♈	29	27								41	5
3	F	♈ 18	♈ 2 17 N.	12	□	□	25	27	30	12	*							53	4.
4	G	♈ 19	♈ 0 48 N.	12	20	13	26	28	*	27								47	5
5	A	♈ 20	♈ 0 25 N.	♈	20	△	27	29	3	12	γ							12	4
6	B	♈ 21	Quinquagesima.	12	△	14	*	*	4	26								9	3
7	C	♈ 22	♈ 1 24 S.	12	20	15	29	2	□	9	♈							34	2
8	D	♈ 23	Shrove Tuesday	12	20	15	*	4	7	22								3	0
9	E	♈ 24	Ash-wednesday.	12	20	16	□	□	△	5	II							10	N.
10	F	♈ 25	♈ 26	△	♈	♈	2	5	9	17								29	2
11	G	♈ 26	♈ 1 50 S.	12	21	18	△	△	11	29								37	3
12	A	♈ 27	Term ends.	□	21	19	4	9	12	11	♈							35	4
13	B	♈ 28	Quadragesima.	11	2	19	5	10	14	23								32	4
14	C	♈ 29	Valentine.	*	21	20	6	11	15	5	♈							26	5
15	D	♈ 30	♈ 2 15 N.	11	△	△	7	12	♈	17								20	5
16	E	♈ 31	♈ 0 47 N.	11	21	21	8	14	18	29								35	D.
17	F	♈ 1	♈ 0 19 N.	11	21	22	♈	♈	20	11	♈							21	5
18	G	♈ 2	♈ 1 24 S.	11	□	□	10	10	21	23								27	5
19	A	♈ 3	♈ 2 7 S.	♈	22	23	11	17	23	5	II							40	4
20	B	♈ 4	♈ 2 Sund. in Lent	11	*	*	12	19	24	18								0	3
21	C	♈ 5	♈ 25	11	22	24	13	20	△	0	m							30	2
22	D	♈ 6	♈ 2 14 N.	11	22	25	△	21	27	13								11	1
23	E	♈ 7	♈ 0 46 N.	11	22	25	15	△	□	26								7	S.
24	F	♈ 8	St. Matthias.	*	22	26	16	24	*	9	♈							19	1
25	G	♈ 9	♈ 0 13 N.	11	♈	♈	□	□	2	22								52	2
26	A	♈ 10	♈ 1 21 South	□	22	27	18	26	*	6	♈							50	3
27	B	♈ 11	♈ 3 Sund. in Lent	11	23	28	*	*	5	21								12	4
28	C	♈ 12	♈ 1 59 S.	△	23	28	20	29	7	5	♈							55	5

February, 1687.

*The smiling Heavens do make Men long to see,
The blest Effects of Europe's happiness,
And Treaties manag'd with Sincerity:
Poor Peasants long for their own quietness.*

North days.

Lunations and other Observations.		Asp. and weath.
1	2 Cor Leonis oritur acronice.	* h ♂ 7 n.
2	New Moon 21 min. past 6 morning.	▷ Perigæon.
3	4 Day increased 2 hours 22 min.	Probably fair
4	6 King Charles the second died, 1685.	and frosty, and
5	Cor Leonis occid. cosmice.	Easterly winds.
6	Terga Leonis orit. acronice.	
7	6 Gen. Monk marched into London, 1659.	▷ ♀
8	Sphear Staff of Boots sets acron.	
9	First Quarter 48 min. past 3 morning.	The winds cold
10	Day 9 Hours 58 min.	▷ h ♀ and
11	London Bridge burnt, 1632.	dry, Frosts for
12	Thomas Thinn Esq; murdered, 1682.	the most part,
13	Left Knee ♀ ris. th acronically.	but Cloudy.
14	Cor Hydræ orit. acron.	▷ Apogæon.
15		
16	Ortus vespertinus Caudæ Leonis.	♂ ♀ 1 m.
17	Full Moon 9 min. past 7 morning.	* ♀ ♀ warm
18	The high and Prodigious wind, 1661.	* ♂ ♀ er
19	18, 19, 20 Portland Fight, 1652.	clearing winds
20		and frost clouds
21	G. Monk re-admitted secl. Memb. 1655.	follow.
22	Duke of York from Scotland, 1679.	▷ ♀ and
23	24 Lucida Arietis oritur manè.	▷ ♀ some
24	Day 10 hours 58 min.	moisture so con
25	Last Quarter 16 min. past 1 morning.	tinuing to the
26	Informis. Hyd. orit. acron.	end, seasonable
27	Day increased 3 hours 27 min.	▷ ♂ ♀ 2 m.
28	* in the left Thigh of ♀ sets cosm.	and pleasant.

March hath xxxi days

See how exalted Mars disjunct his beams
In fiery flames against the King of Starrs,
And in his wonted fury and extremes,
Among the Heavenly Bodies raiseth Fairs,
whose T-flux the swollen fluxure of the Clouds,
Ran & fit Impassumes on atoms bolis crouds.

[illegible]

March, 1687.

*The Stars configurations in Heavens Breast
Have raised such disturbance in the Sky,
Thick Clouds and blustering Storms lets us not rest,
Till milder Stars their roughness pacifie;
And unto us more welcome news do bring,
Of better weather, and more pleasant Spring.*

Month days.	Lunations and other Observations.	Asp. and Weat.
1	Day 11 hours 24 min.	☿ Perigæon.
2	North Star of the Whales Tail sets Ac	Winds high.
3	New Moon 39 min. past 3 afternoon.	☐ ☉ ♀ and
4		salubrious, and
5	Northermost in the Right leg of ♉ ri.	drive some moi-
6	A New Parliament began 1679.	sture.
7		☿ ☿ cold
8		Clouds and dark.
9	D.H. Milton, Capel, Holland behead. 1648.	♂ ♀ 9 m.
10	First quarter 43 min. past 8 night.	☐ ♀ ☿ Winds
11	Arcturus oritur acronice.	drive some show-
12		er and blands of
13	Day increased 4 hours 36 min.	Snow.
14		♂ ☉ ♀ Windy
15		☿ Apogæon. and
16	Miles Sindercomb poysoned himf. 1656.	☐ ♂ ☿ variety
17		♂ ♀ of wea-
18	Full Moon 6 min. past midnight.	☐ ♀ ♂ 3 m. ther
19	War declar. against the Dutch, 1671.	♂ ☉ ♀ a very
20	21 Spica virginis occid. manè.	☐ ♀ ☿ turbulent
21	Oxford Parliament began, 1681.	☐ ♂ ☉ 3 a. and
22		☿ ☿ stormy
23	Day 12 hours 54 min.	milder and more.
24		☐ ♀ ☿ seasona-
25	Day increased 5 hours 28 min	ble. Pleasant
26	Last quarter 49 min. past 9 morning.	Gales probably
27	King James Dyed, 1625.	☿ Perigæon. dry.
28	Oxford Parliament dissolved, 1681.	Cloudy and
29	Cheriton Battel, 1644.	storms by coast
30		not much wet.
31		♂ ♀ ☿

April hath xxx days.

Now princely Titan, with a Ray of Love,
The Fortune courts, tryes his Benevolence,
As a lost Favorite, doth new measures prove,
New polih't Policy, smoothes his offence:
But he that doth the fairest means prefer,
Answers opinion how she've he err.

Festivals &c.		11	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Latitude		
1	23	8	12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	3		
2	24	8	13	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	2			
3	Low-Sunday.	8	14	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	28			
4	25	8	15	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	55	N.			
5	26	8	16	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	10	1	10			
6	27	8	17	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	5	2	55	2			
7	28	8	18	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	4	3	21	3	21			
8	29	7	19	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	3	2	30	4	30	4			
9	30	7	20	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	1	28	5	28	5	28			
10	31	7	21	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	20	6	20	6	20	6			
11	1	7	22	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	13	7	13	7	13	D.	13			
12	2	7	23	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	8	8	8	8	8	8	8	5	8		
13	3	7	24	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	10	9	10	9	10	9	10	5	10
14	4	7	25	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	20	10	20	10	20	10	20	4	20	
15	5	7	26	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	44	11	44	11	44	11	44	3	44		
16	6	7	27	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	32	12	32	12	32	12	32	2	32	2		
17	7	7	28	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	1	16	13	16	13	16	13	16	1	16	1		
18	8	7	29	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	1	1	27	14	27	14	27	14	27	0	27	0		
19	9	7	30	19	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	1	1	1	45	15	45	15	45	15	45	S.	45	S.		
20	10	7	31	20	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	1	1	1	1	19	16	19	16	19	16	19	2	19	2		
21	11	7	1	21	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	1	1	1	1	1	3	17	3	17	3	17	3	17	3	3	3	
22	12	7	2	22	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	1	1	1	1	1	1	57	18	57	18	57	18	57	4	57	4		
23	13	7	3	23	24	25	26	27	28	29	30	31	1	1	1	1	1	1	1	1	1	1	1	1	1	55	19	55	19	55	19	55	5	55	5		
24	14	6	4	24	25	26	27	28	29	30	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
25	15	6	5	25	26	27	28	29	30	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
26	16	6	6	26	27	28	29	30	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
27	17	6	7	27	28	29	30	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
28	18	6	8	28	29	30	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
29	19	6	9	29	30	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
30	20	6	10	30	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		

April, 1687.

Month days.

At first the smiling Heavens serenity
Seem to portend, we fear 'twill be too dry;
About the full plenty of Clouds we see,
And yet the Air cleareth by and by.
Hence may we guess, from the Celestial powers,
But little moisture, save some Coasting showers.

Lunations and other Observations.

Asp. & Weather.

1	<i>Arista virginis ortus vespertinus.</i>	Troubled, soon
2	New Moon 43 min. past 1 morning.	clearing, very
3	1 Queen Ann Died, 1619.	△ ○ ♀ fair
4	Peace concluded with the Dutch, 1654.	☾ ☿ and
5		pleasant wea-
6		ther, if not too
7	<i>umbil. Pegasi vesp. occasus.</i>	dry, which we
8	London Apprentices rise. 1648.	fear.
9	First quarter 34 min. past 2 afternoon.	
10	Day Lengthned 6 Hours 30 min.	
11	10 Miles Syndercomb staked on Tower b.	☾ Apogæon.
12	Justice Arnold assaulted, 1680. (1656	
13	<i>Cosm. occasus caudæ Leonis.</i>	
14		
15		△ ♂ ♀
16		Clouds rise and
17	Full Moon 14 min. past 2 afternoon.	☾ ♄ in some
18		places storms of
19	(1653.	Rain and Hall
20	L. Parliam. turn'd out by the Army,	
21	Haines slain at Sr. Domingo, 1655.	
22	South ballance sets cosmically.	
23	<i>Pleiades oritur cosmice.</i>	
24	Last quarter 56 min. past 3 aftern.	△ ♄ ♀ Clouds
25	23 Sr. J. Hotbam kept Hull against the	☾ Perigæon.
26	25 Free Parl. met, 1660. (King, 1642.	but little Rain.
27	Middle * of N ballance rise acron.	
28	Day 15 hours 10 min.	Winds and
29	Montross Routed in Scotland.	storms at the
30	29 Locker shot in Pauls Church-yard,	♂ ○ ♀ 1 a. end
	(1649.	

May hath xxxi days.

*Good natures quaire, whilst the ill agree,
Such discord and concord is in the Sky,
A down right quarrel better pleaseth me.*

Month days	Week days	Festival Days.	h	z	o	c	q	q	d	Lati- rude.	D N
			~	z	~	z	~	z	z		
1	Phil. & Jacob.	u	2	4	o	13	7	20		38	o
2	h 22 o	Δ	22	Δ	22	10	19	4	II	11	
3	h 2 17 N.	5	o	5	23	o	18	17		52	
4	h 0 31 N.	5	22	5	24	19	18	29		49	3
5	h 2 10 S. Asc.D.	□	22	5	25	20	*	12	6	16	4
6	h 0 4 N.	6	2	5	*	21	17	24		27	5
7	h 2 58 S.	*	2	o	27	27	16	6	o	27	5
8	6 Su. af. Easter.	6	Δ	7	28	*	□	18		20	5
9	Term ends.	6	21	7	□	24	15	o	W	18	D.
10	h 21 o	5	21	8	29	26	Δ	11		34	5
11	h 2 19 N.	6	□	3	II	□	15	24		5	4
12	h 0 30 N.	o	21	Δ	Δ	25	15	6	II	18	4
13	h 2 40 S.	6	*	2	2	25	15	8		45	3
14	h 1 27 N.	6	21	o	3	Δ	D	1	m	32	2
15	Whit-Sunday.	5	21	□	4	5	o	14		35	1
16	h 3 31 S.	6	21	5	3	15	28			6	S.
17	h 21 o	*	21	*	o	4	5	11	z	52	2
18	h 2 20 N.	6	o	11	7	5	16	25		53	3
19	h 0 29 N.	□	20	12	8	o	Δ	10	W	4	4
20	h 3 8 S.	6	20	13	9	8	17	24		24	5
21	h 1 53 N.	Δ	20	5	Δ	9	17	8	~	42	5
22	Trinity Sunday.	6	*	14	11	10	□	22		57	5
23	h 3 12 S.	6	2	14	□	Δ	18	7	X	8	A
24	h 2 22 N.	6	□	4	12	*	21			11	5
25	h 0 27 N.	o	20	13	13	14	20	5	V	3	4
26	h 3 35 S.	6	Δ	*	*	□	21	18		54	2
27	Term Begins.	6	15	15	15	16	22	2	o	32	2
28	h 20 o	D	15	□	16	*	23	16		1	1
29	Ch. II. Nativ	Δ	15	16	17	19	o	29		18	N.
30	h 1 46 N.	5	o	Δ	18	20	20	12	II	23	2
31	h 2 8 S.	□	15	16	17	21	26	25		14	3

May 1687.

Month days.

*The smiling Stars, and chirping Birds do sing,
To welcome in the pleasant Month of May,
Whilst flowering Trees do beautifie the Spring,
And seasonable showers seem to make way
For bounteous plenty, 'fore the end great heat
Do fiery corruscations thunder threat.*

Lunations and other Observations. Aspects & weather.

1	New Moon 31 m. past noon.	☉ eclipsed visible,
2	1 Parliament vote for the King. 60.	so the month be-
3	Cheapside Cross demolished. 43.	gins.
4	Day 15 hours 30 minutes.	Weather hot raise
5	2 Cor M occid. cosm.	clouds, and thun-
6	3 Canis major occid vesp.	Δ h ♂ 8 m ♀ ♀
7	Day increased 8 hours. 4 minutes	der-like weather,
8	Last long Parliament began, 61.	soon clearing and
9	First Quarter 35 m. p. 10 morn.	☾ Apogæon. fair
10	Aldib. occid. vesperi.	for several days.
11	Fomahand oritur mane.	
12	Earl of Strafford behead. 41.	
13	Eod. die Banbury & Newark sur. 46.	
14		
15		☾ ☽
16	Surrey Petitioners dispersed, 1648.	* ☉ ☿ Cloudy
17	Full Moon 30 m. p. 1 morn.	and cooler than
18	Levellers surprised at Burford. 49.	☐ h ♀ before,
19	18 Prodigious storm of Hall. 80.	but little Rain.
20		
21		
22	Ortus vesp. cordis M.	☾ Perigæon.
23	Last Quarter 53 m. past 8 night.	
24	The Kentish Insurrection. 48.	Fair and hot wea-
25	Day 16 hours 16 min.	Δ ☉ ♂ ther with
26	Day increased 8 h. 46 m.	fiery corruscations,
27	A Fire at St. Catherines. 72.	winds and thun-
28	Eng. and Dutch fight, 72.	der storms at the
29	30 They fight again. 73.	☾ ☿ end.
30	New Moon 38 m. past midnight.	♂ ☉ ♀ 7 n
31		B

June hath xxx days.

What News? what News, quoth the Athenian Crew?
 From this Consult, or that, from this Campaign?
 Insatiable itch after what's new,
 To many men, oft-times, doth prove the bane.
 Let every man his own affairs mind,
 What ere's abroad. at home he peace may find.

Festivals, &c.			h	♀	♂	☉	♀	♂	☉	Lat.	N.
			h	♀	♂	☉	♀	♂	☉		
1	E	♂ 20 ♂.	6	19	16	21	22	27	7	51	4
2	F	♂ 2 23 N.	6	19	17	21	♂	28	20	15	5
3	G	♀ 0 26 N.	* 18	17	22	25	* 2	♂	24	5	
4	H	♂ 4 10 S.	6	Δ	♂	23	26	II	14	26	5
5	I	2 Sund. after Trin.	6	18	18	*	27	3	26	20	D
6	J	♀ 1 48 N.	6	□	18	25	28	□	8	12	5
7	K	♀ 0 54 S.	6	18	18	26	29	6	20	3	5
8	L	♂ 2 24 N.	♂ 18	18	□	*	Δ	2	4	4	
9	M	♀ 0 24 N.	6	*	Δ	28	♂	8	14	11	3
10	N	♂ 4 40 S.	6	18	19	Δ	3	10	26	38	2
11	O	St. Barnabas.	6	17	19	♂	□	12	9	12	6
12	P	3 Sund. after Trin.	6	17	□	1	5	14	22	38	5
13	Q	♂ 19 ♂	* 17	20	2	Δ	16	♂	16	2	
14	R	♀ 1 4 N.	6	♂	*	3	8	♂	20	19	3
15	S	Term ends.	□	17	20	♂	9	18	4	14	6
16	T	♀ 0 44 N	6	17	20	5	10	19	19	24	5
17	U	♂ 2 26 N.	Δ	17	20	6	11	21	4	10	5
18	V	♀ 0 23 N.	6	*	♂	7	♂	23	18	55	A
19	W	4 Sund. after Trin.	6	17	20	Δ	13	Δ	3	* 31	5
20	X	♂ 5 27 S.	6	□	21	9	15	27	17	52	5
21	Y	♀ 1 26 N.	♂	16	21	10	16	□	1	15	6
22	Z	♀ 1 23 N.	6	Δ	*	□	Δ	♂	15	43	3
23	A	♂ 2 27 N.	6	16	21	11	18	6	29	16	2
24	B	St. John Bap.	6	16	21	*	19	*	12	♂	34
25	C	♀ 0 22 N.	6	16	□	13	□	10	25	40	N
26	D	5 Sund. after Trin.	Δ	16	21	14	12	12	8	II	35
27	E	♂ 6 0 S.	6	♂	Δ	15	*	14	21	19	3
28	F	♀ 1 33 N.	□	16	♂	16	24	17	3	♂	55
29	G	St. Peter	6	16	21	♂	25	♂	16	19	4
30	H	♂ 19 ♂	6	15	21	18	26	21	28	31	5

June 1687.

Month Days.

At the beginning the superiour rays
Give us fair weather, bid us make our hay :
But Sol and Saturn's clouds for several days,
Retard our industry and make us stay.
'Tis but a while, and then the Weather's fair,
The smiling Heavens give an auspicious air.

Lunations and other observations. Aspects & weather.

1	Day 16 hours 20 minutes.	Winds drive
2	Eng. & Dutch fight, 52, 56, 56.	Clouds.
3	Caput Antinous oritur acronice.	
4		
5	Bright foot of II sets with ☉.	☾ Apogæon.
6	Procion occid. acron.	* ♃ ☿ 9 N. Se.
7	8 Sir H. Slingsby, & D ^r Hewet ex. 58.	△ ♄ ☿ rene Summer Weather, cool,
8	First Quarter 30 min. p. 1. morn.	and some Clouds.
9	Mr. William Lilly died. 1681.	
10	Hec duo solstitium faciunt ☿, ♄.	Temperate cool
11	Sed noctes aquant ♃ & ☿ diebus.	* ♄ ☿ Clouds,
12		but fair for the most
13	Arcturus sets cosmically.	☿ ♃ ☿ part, windy
14	15 Naseby Fight. 1645.	△ ☿ ☿ and fair.
15	Full Moon 26 m. past 10. morn.	Clouds & thunder,
16	Hydra's heart sets acronically.	☐ ☉ ♄ showers
17	Dunk. taken by the Eng. 1658.	by coast.
18	16 Colchester besieged, 1648.	☾ Perigæon.
19		Serene & pleasant
20	Oxford Treaty ended, 1646.	△ ♃ ☿ Weather,
21	Fight at Bothwell Bridge, 1679.	☐ ♄ ☿ cool winds
22	Last Quarter 18 m. past 2 morn.	and Clouds, some
23	Hind. South leg of ☿ sets acron.	☾ ☿ Rain.
24		☿ ☿ ☿ 8 N. clouds
25	Oxford surrendred, 1646.	probably without
26	Lucida pes II or. cosm.	Rain.
27		☿ ☉ ☿ 4 m. winds
28	Day 16 hours 14 m. decreas. 12 m.	blow up store of
29	New Moon 50 m. past 1 aft.	showers at the end.
30	29 Crapedy Bridge fight, 1644.	

July hath xxxi days.

Month Days.

Week Days.

The nimble Hermes like the Athenian crew,
Who make it their sole business News to hear,
The multitude abuse, that oft times rue,
That are so credulous to lend an ear
To idly shams, that to such errors tend,
That the whole life hardly such faults can mend

		Festivals, &c.	h	☿	♂	☼	♀	♂	♂	Lat.	N.
			☼	☿	♂	☼	♀	♂	♂		
1	M	☿ 1 47 N.	*	☼	21	19	27	23	10	40	5
2	Tu	♂ 18 O.	7	☿	15	20	28	25	22	39	5
3	W	6 Sund. after Trin.	7	☿	15	21	21	♂	27	4	☿ 35
4	Th	h 2 31 N.	7	☼	21	22	☿	29	16	26	5
5	F	☿ 0 20 N.	7	☿	15	21	*	2	*	28	17
6	Sa	♂ 6 17 S.	♂	*	21	24	3	☼	10	☼	15
7	Su	☿ 1 19 N.	7	☿	15	☼	☼	4	5	22	32
8	M	☿ 1 22 N.	7	☿	15	20	26	*	☼	4	☿ 44
9	Tu	h 2 33 N.	8	☿	15	☼	27	7	9	17	☼ 8
10	W	7 Sund. after Trin.	8	☿	15	20	☼	8	11	0	7 37
11	Th	☿ 0 19 N.	*	♂	*	29	☼	☼	14	16	2
12	F	♂ 6 33 S.	8	☿	15	20	29	10	15	28	26
13	Sa	☿ 1 5 N.	☼	☿	15	20	☼	☼	17	13	☿ 0
14	Su	☿ 0 52 N.	8	☿	14	19	♂	12	19	27	59
15	M	h 2 34 N.	☼	*	♂	2	14	20	13	☼	9
16	Tu	☿ 0 19 N.	8	☿	14	19	3	☿	13	♂	20
17	W	8 Sund. after Trin.	8	☼	19	4	♂	24	13	☼	15
18	Th	♂ 6 16 S.	8	☿	14	19	5	17	25	27	☼ 4
19	F	Dog days begin.	♂	☼	*	☼	18	27	12	☼	9
20	Sa	Margaret.	8	☿	14	18	7	☼	☼	26	4
21	Su	♂ 17 O.	8	☿	14	18	☼	20	☿	9	☼ 32
22	M	☿ 0 37 N.	8	☿	11	☼	9	☼	22	22	40
23	Tu	☿ 0 30 S.	☼	☿	14	17	*	22	☼	5	☼ 30
24	W	9 Sund. after Trin.	8	♂	☼	14	23	5	18	12	3
25	Th	St. James Apost.	8	☿	14	17	12	☼	*	0	☼ 4
26	F	h 2 37 N.	☼	☿	14	17	13	26	8	13	0
27	Sa	☿ 0 17 N.	8	☿	14	16	14	*	9	25	12
28	Su	♂ 5 54 S.	*	☿	14	16	15	28	10	☼	19
29	M	☿ 0 9 N.	8	☼	♂	♂	♂	29	12	19	19
30	Tu	☿ 1 47 S.	9	☼	16	17	☼	13	1	☼	17
31	W	10 Sund. afr. Trin.	9	☼	15	18	1	14	13	10	5

July 1687.

Month Days.

The various Aspects of this Month doth yield
A pleasant and a seasonable air,
To gather natures bounty from the field,
To make Hay whilst the Sun shines, weather's fair:
Before the end great heat doth moisture raise,
Thunders it down again for many days.

Lunations and other Observations. Aspects & weather.

1	Day 16 hours 10 min.	Begins as the other
2	The Battle at Marston Moor. 44.	ended.
3		☾ Apogean. Fair
4		weather.
5		
6	Francis Lord Villers slain. 1648.	
7	First Quarter 50 m. past 4 aft.	
8	Don Sa Pantaleon of Portugal, and	
9	Col. Gorb. beh. on Tower Hill, 54.	* ☿ ☽ a cooler
10		☾ air than be-
11		fore, and dry.
12		☿ ☽ ☽ Windy
13	The Rout at the Devizes, 1643.	a little cools the
14	Full Moon 53 m. past 5 night.	☿ ☽ ☽ midn. air
15		☿ ☽ ☽ which is
16	Litchfield Close surrendered. 46.	☾ Perigean. dry,
17		somewhat change-
18	Dr. Lewens executed, 1650.	able.
19	Days decr. 1 hour. 16 min.	
20	19 Lesser Dog-star riseth cosm.	* ☉ ☿ ☽ Cloudy
21	Last Quarter 24 m. past 9 morn.	but hot
22	21 The L. Ruffel beh. for Tr. 83.	☾ ☽.
23	Worcester surrendered. 46.	
24	25 Potter & Gibbons sentenced. 51.	
25	Occasus vespert. Aselli Borei.	
26	25 Tilbury Camp. 1588.	Fair, serene, hot
27		☿ ☽ ☽ weather.
28	29 The great Dog * ris. with ☉.	Very hot, raise
29	New Moon 28 m. past 4 morn.	☿ ☽ ☽ Forms at
30	31 Sir W. Waller G. of flying Ar. 43	☾ Apogean. last.
31	Old Trump slain. 1692.	☿ ☽ ☽ B 3

August hath xxvi days.

Among the Erratick Train, an Harmony
Of peaceful Rays and powerful heavenly Charms;
May we mongst men such blessed tempers see,
Care to prevent each one the others harms,
Lay on each other, what they well may bear,
As none therefore needs violence to fear.

	Festivals, &c.	♂	♀	♂	♀	♂	♀	♂	♀	Lat.	N.
1	Lammes.	♂	♀	♂	♀	♂	♀	♂	♀	25	4
2	♂ 17 ♂	♂	♀	♂	♀	♂	♀	♂	♀	57	3
3	♂ 3 39 N.	♂	♀	♂	♀	♂	♀	♂	♀	55	2
4	♂ 0 17 N.	♂	♀	♂	♀	♂	♀	♂	♀	4	1
5	♂ 5 34 S.	♂	♀	♂	♀	♂	♀	♂	♀	25	0
6	♀ 0 25 S.	♂	♀	♂	♀	♂	♀	♂	♀	4	S
7	11 Sund. aft. Trin.	♂	♀	♂	♀	♂	♀	♂	♀	8	2
8	♀ 2 6 S.	♂	♀	♂	♀	♂	♀	♂	♀	39	3
9	♂ 16 ♂	♂	♀	♂	♀	♂	♀	♂	♀	42	4
10	♂ 2 41 N.	♂	♀	♂	♀	♂	♀	♂	♀	14	5
11	♂ 0 16 S.	♂	♀	♂	♀	♂	♀	♂	♀	12	5
12	♂ 3 9 S.	♂	♀	♂	♀	♂	♀	♂	♀	7	A
13	♂ 3 35 S.	♂	♀	♂	♀	♂	♀	♂	♀	47	5
14	12 Sund. aft. Trin.	♂	♀	♂	♀	♂	♀	♂	♀	4	4
15	♂ 2 43 N.	♂	♀	♂	♀	♂	♀	♂	♀	59	3
16	♂ 0 15 N.	♂	♀	♂	♀	♂	♀	♂	♀	32	2
17	♂ 4 40 S.	♂	♀	♂	♀	♂	♀	♂	♀	3	1
18	♂	♂	♀	♂	♀	♂	♀	♂	♀	12	N
19	♀ 1 31 S.	♂	♀	♂	♀	♂	♀	♂	♀	22	2
20	♀ 3 26 S.	♂	♀	♂	♀	♂	♀	♂	♀	12	3
21	13 Sund. aft. Trin.	♂	♀	♂	♀	♂	♀	♂	♀	45	4
22	♂ 2 43 N.	♂	♀	♂	♀	♂	♀	♂	♀	4	4
23	♂ 0 14 N.	♂	♀	♂	♀	♂	♀	♂	♀	14	5
24	St. Bartholomew.	♂	♀	♂	♀	♂	♀	♂	♀	17	5
25	♂ 4 32 S.	♂	♀	♂	♀	♂	♀	♂	♀	15	D
26	♀ 2 12 S.	♂	♀	♂	♀	♂	♀	♂	♀	11	5
27	Dog days end.	♂	♀	♂	♀	♂	♀	♂	♀	5	5
28	14 Sund. aft. Trin.	♂	♀	♂	♀	♂	♀	♂	♀	0	4
29	♂ 15 ♂	♂	♀	♂	♀	♂	♀	♂	♀	57	4
30	♀ 2 2 S.	♂	♀	♂	♀	♂	♀	♂	♀	57	3
31	♂ 2 43 N.	♂	♀	♂	♀	♂	♀	♂	♀	7	1

August 1687.

Month Days

The smiling Fortunes with their bounteous Rays,
Do welcome in the Sickle and the Scythe,
And joy the Farmer with good Harvest days,
His long long look'd for Crop doth make him blithe:
Be not ingrate, lest plenty makes us poor,
As wretched Indians scorn the golden Ore.

Lunations and other observations. Aspects & weather

1	Day 14 h. 38 m. dec. 1 h. 48 m.	Windy at begin-
2	Sir G. Booth dec. for a free Parl. 59.	ing.
3		Fair, serene, and
4		* ♀ ♂ pleasant
5		☾ ☿ Harvest
6	First Quarter 44 m. past 6 morn.	Weather.
7	<i>Regulus oritur mane.</i>	♂ ♀ ☿ 6n. Cool-
8	The Scotch Army enter Engl. 51.	er and cloudy, nor
9	<i>Cor Leonis occid. vesperi.</i>	△ ♂ ☿ much wet,
10	Engl. & Dutch fight near the Texel, 73.	fair and serene,
11		and very pleasant
12		* ♀ ☿ and
13	Full Moon 24 m. past 1. morn.	wholsom Weather.
14	13 A Comet appeared, 1682.	☾ Perigee.
15		
16		
17	A Parliament called, 1680.	
18	D. Hamilton routed at Preston. 48.	☾ ☿
19	Last Quarter 30 m. p. 7 night.	
20	K. C. L. set up his Stand. at Not. 42.	
21	Mr. Love & Gibbons behead. 50	Heat and thunder,
22		△ ♀ ♂ perhaps
23	<i>Cauda Leonis or. mane, & tempesta-</i>	rain by coast.
24	<i>(et & grandines saepe movet.</i>	
25	Leisthel taken. 1644.	
26	27 Colchester surrendred, &c. 48.	Blustering Storms
27	New Moon 50 m. p. 8 at Night.	☾ Apogee.
28	Day 13 h. 0 m. dec. 3 h. 26 m.	☐ ☉ ♀ 2 m. of
29	Sir C. L. & Sir G. L. shot at Col. 48.	wind, or thunder
30		at the end.
31	M. G. Mass. escap. from the Tow. 52.	B 4

September hath xxx days.

What makes men frown so, whilst the heavens smile;
 Syrens sing sweetly when they would betray;
 But heavenly Bodies sure are void of guile,
 Though men want not wherewith to win the prey;
 Ambition to contain no bound's devised,
 But when fill'd most, is least of all sufficed.

Month Days.	Week Days.	Festivals, &c.	h	✓	♂	☉	♀	♂	♂	Lat.	D
			☾	♂	☿	☼	♂	♂	♂		N
1	F	♂ 0 13 N.	12	16	☐	19	♂	24	10	17	2
2	S	♂ 15 ♂	13	16	11	*	6	*	22	44	5
3	S	♂ 4 20 S.	*	16	11	21	6	22	5	7	27
4	S	15 Sund. aft. Trin.	13	♂	*	☐	7	☐	18	28	3
5	C	♀ 3 4 S.	13	16	11	23	8	20	1	18	53
6	D	♀ 0 42 S.	☐	16	11	24	*	Δ	15	43	6
7	E	h 2 45 N.	13	16	11	Δ	10	18	0	25	5
8	F	Nat. Mariz.	Δ	*	♂	26	☐	17	14	44	4
9	S	♂ 0 12 N.	13	16	11	26	12	17	29	48	5
10	S	♂ 3 43 S.	13	☐	11	27	Δ	8	15	*	15
11	S	16 Sund. aft. Trin.	13	17	12	♂	14	16	29	55	4
12	E	♂ 15 ♂	♂	Δ	*	29	15	16	15	16	3
13	D	♀ 3 47 S.	13	17	12	☾	16	16	29	58	1
14	E	♀ 1 4 N.	13	17	☐	1	♂	Δ	14	0	14
15	F	h 2 45 N.	14	17	13	Δ	17	17	28	30	N
16	S	♂ 0 12 N.	14	♂	Δ	3	18	☐	10	12	2
17	S	♂ 3 18 S.	Δ	17	13	4	19	17	24	18	3
18	S	17 Sund. aft. Trin.	14	18	13	☐	20	18	6	48	4
19	E	♀ 4 17 S.	☐	18	14	6	Δ	*	19	16	5
20	D	♀ 1 44 N.	14	18	14	7	21	20	11	10	5
21	E	St. Matthew.	*	Δ	♂	*	22	11	13	0	25
22	F	♂ 14 ♂	14	18	14	9	☐	22	25	8	D
23	S	h 2 46 N.	15	18	15	10	♂	23	6	10	5
24	S	♂ 0 11 N.	15	☐	15	11	*	18	18	0	4
25	S	18 Sund. aft. Trin.	15	19	15	12	♂	0	12	7	4
26	E	♂ 2 48 S.	♂	19	Δ	♂	26	28	12	51	3
27	D	♀ 4 53 S.	15	19	16	14	26	29	24	36	2
28	E	♀ 1 38 N.	15	19	16	15	27	1	7	11	1
29	F	St. Michael.	15	19	16	☐	27	2	19	45	3
30	S	♂ 14 ♂	15	19	17	17	♂	*	2	7	1

September 1687

Month Days

At the beginning Sol and Mercurius meet,
Favours the Farmers housing of his grain:
Mars with his Quartile beams doth Venus greet,
Whose Influences doth procure some rain:
And the two lowest do twice join their powers,
Hence we expect sudden and hasty showers.

Lunations and other Observations. Aspects & weather

1	Day 12 h. 44 m. decr. 3 h. 42 m. D 99	
2	3, 4, 5. London burnt, 1666. Fair weather and	
3	Dunbar fight, 50. Worcester fight, 51. S ☉ ♀ windy.	
4	First Quarter 3 m. past 6 night.	
5	3 O. Cromwell dyed, 1658.	
6	Dunkirk taken from the Span. 52.	
7		☿ Perigean. winds
8	Pr. Eliz. dyed at Carisbrook. 50.	☐ ☿ ♀ 3 a. drive
9		☐ ♀ ♀ clouds
10	11 Bristol surrendered. 45.	and some rain.
11	Full Moon 28 m. past 9 morn.	
12	Duke of Monmouth degraded, 79.	
13		* ♀ ♀ Some ha-
14	Duke of Gloucester dyed. 1660.	☿ ☿ sty showers.
15	Eod. die Gloucester reliev'd by Eff. 43	
16	Day 11 h. 48 m. decr. 4 h. 38 m.	
17	An Earthq. in many pla. of Eng. 83.	☐ ♀ ♀ midn.
18	Last Quarter 40 m. past 9 morn.	Dry and clear wea-
19	18 Treaty in the Isle of Wight. 48.	ther.
20	19 Newbury first fight. 1643.	☿ Apogean.
21	Scots colours hung up at Westm. 50.	△ h ☿ 8 n. Heat
22		raise thunder and
23	Pr. Eliz. interred at Newport, 50.	* ♀ ♀ sudden
24	Occasus vespertinus spica virginis.	showers by coast.
25	Parl. take Scotch Gov. 43.	
26	New Moon 50 m. past noon.	
27	King came to Strambury. 42.	Overcast, cloudy,
28	Barkley Castle yielded. 46.	☿ ☉ h 11 m. and
29	Pendarvis buried at Abington. 56.	△ ☉ ☿ foultry
30		☿ ☿ hot and
		thunder.

October hath xxxi days.

*If that the seeds-man joys to see it fair,
And pleasant Weather seemeth to be kind,
The Heavens afford us a salubrious air,
And plenty the products we hope to find;
Natural causes such effects foreshow,
But God above doth order all below.*

Month Days	Week Days	Festivals, &c.	h	v	♂	☉	♀	♂	♂	Lat.	♂
			☐	7	☐	☐	☐	☐	7		S.
1	a	♂ 14 ♂	*	♂	*	*	28	5	15	243	
2	b	19 Sund. aft. Trin.	16	20	18	19	29	7	28	344	
3	c	♂ 2 47 N.	☐	20	18	20	29	☐	12	W	05
4	d	♀ 0 11 N.	16	20	18	☐	*	4	25	445	
5	e	♂ 13 ♂	Δ	20	19	22	♀	Δ	9	22475	
6	f	♂ 2 25 S.	16	*	♂	Δ	1	13	24	11A	
7	g	♀ 5 25 S.	16	21	20	24	☐	15	8	495	
8	h	♀ 1 34 N.	16	☐	20	25	2	16	23	505	
9	i	20 Sund. aft. Trin.	17	21	21	26	Δ	18	8	7324	
10	j	♂ 2 47 N.	♂	Δ	*	♂	2	♂	23	223	
11	k	♀ 0 10 N.	17	21	22	28	3	23	8	♂ 02	
12	l	♂ 2 8 S.	17	21	☐	29	♂	25	22	19N	
13	m	♀ 5 35 S.	17	22	22	☐	3	27	6	II 72	
14	n	♀ 0 16 N.	Δ	♂	Δ	1	3	28	19	343	
15	o	♂ 2 47 N.	17	22	23	Δ	3	Δ	8	334	
16	p	21 Sund. aft. Trin.	☐	22	24	3	4	☐	19	145	
17	q	♂ 13 ♂	17	22	24	4	4	3	27	245	
18	r	St. Luke Evang.	18	23	25	☐	Δ	☐	9	♂ 295	
19	s	♀ 0 9 N.	*	Δ	♂	6	4	7	21	36D	
20	t	♂ 1 48 S.	18	23	26	*	☐	*	3	☐ 275	
21	u	♀ 5 30 S.	18	23	26	8	R	10	15	164	
22	v	♀ 4 38 S.	18	☐	27	9	3	12	27	134	
23	w	22 Sund. aft. Trin.	18	23	27	10	*	13	9	☐ 133	
24	x	Term begins.	♂	*	28	11	3	15	21	242	
25	y	♂ 12 ♂	18	24	Δ	12	3	16	5	M 461	
26	z	♂ 2 45 N.	19	24	29	♂	2	♂	16	215	
27	a	♀ 0 9 N.	19	24	☐	14	♂	19	29	112	
28	b	Simon and Juda.	*	25	♂	15	2	21	12	7 143	
29	c	♂ 1 29 S.	19	♂	*	16	1	23	25	304	
30	d	♀ 4 36 S.	19	25	1	17	1	24	8	W 584	
31	e	♀ 1 29 S.	☐	25	2	*	*	*	22	375	

October 1687.

Month Days.

First Quarter the 4 day, 22 m. past 3 in the morn.
Full Moon the 10 day, 39 m. past 6 at night.
Last Quarter the 18 day, 17 m. past 3 in the morn.
New Moon the 26 day, 4 m. past 5 in the morn.

Lunations and other observations. Aspects & weather

1	Day 10 h. 48. m.	
2		A serene and very
3	<i>Spica Virginis oritur mane.</i>	* ☉ ♀ pleasant
4		weather.
5	K. Charles I. came from Spain. 23.	☽ Perigee.
6	Winchester delivered. 1645.	♂ h ♀ o.a. Cold
7		winds for some
8		Δ ♂ ♀ time. winds
9		* ♀ ♂ 3 m. * ♀ ♀
10		disperse the clouds
11		☽ and fair wea-
12	Sir Edmundbury Godfrey kill'd. 78.	ther and good, the
13	L. Parl. turn'd out 2 ^d time. 59.	season considered.
14		
15	Basing taken by storm. 45.	
16	Day 9 h. 48 m. dec. 6 h 38 m.	
17		Winds and Rain.
18		♂ ☉ ♀ 6 h. the air
19	R. C. II. arrived in France from	inclined to moi-
20	(Worcester fight, 51.	sture more than
21		☽ Apogee. for-
22	Sir Tim. Fetherston beheaded. 51.	merly.
23	Edge-hill fight, 1642.	
24		
25	Banbury Siege raised. 44.	☽
26		
27		
28	Newberry second Battle, 1644.	Sudden showers to-
29	Col. Rainsborough slain. 48.	♂ ♀ ☐ wards the
30	Isle of Man taken. 1651.	end.
31		

November hath xxx days.

To want of your Nobility 'twere vain,
 Brave Heroes! though you have sprung from the best:
 If you your Fathers Loyalty do stain,
 Your Transitory Titles we detest.
 Of virtuous lives, it's fit to boast alone,
 Your Birth's your Sires', your Vertues be your own

Month Days	Week Days	Festivals, Etc.	h	v	♂	☉	♀	♂	♂	♂	Lat.	D
			≡	†	×	m	m	m	vy			S.
1	D	All Sainr.	19	25	2	19	29	27	6	≡	27	5
2	F	Om. Animæ.	Δ	*	3	□	29	29	20		27	5
3	T	♂ 12 ♂	19	26	♂	21	□	□	4	×	35	5
4	W	h 2 44 N.	20	26	4	Δ	28	†	18		53	4
5	T	Powder Treason	20	□	3	23	Δ	Δ	3	v	15	3
6	Th	24 Sund aft. Trin.	♂	26	3	24	27	5	17		39	2
7	F	v 0 8 N.	20	Δ	*	25	26	7	2	♂	5	1
8	T	♂ 1 11 S.	20	27	6	26	26	8	16		15	N
9	W	♀ 2 58 S.	20	27	7	♂	♂	10	0	Π	17	2
10	Th	♀ 2 12 S.	Δ	27	□	28	25	♂	14		3	3
11	F	Martin.	20	♂	8	29	24	13	27		27	4
12	T	♂ 11 ♂	20	27	Δ	†	23	14	10	♂	30	5
13	W	25 Sund aft. Trin.	□	28	9	1	Δ	16	23		34	5
14	Th	h 2 42 N.	21	28	10	Δ	22	17	5	Ω	35	5
15	F	v 0 7 N.	*	28	10	3	□	Δ	17		42	D
16	T	♂ 0 57 S.	21	Δ	11	□	21	20	29		39	5
17	W	♀ 1 6 S.	21	29	♂	5	21	21	11	♂	28	5
18	Th	♀ 2 16 S.	21	29	12	6	*	□	23		19	4
19	F	h 2 40 N.	21	□	13	*	20	24	5	≡	10	3
20	T	26 Sund. aft. Trin.	♂	29	13	8	19	26	17		12	2
21	W	v 0 6 N.	21	*	14	9	19	*	29		25	1
22	Th	♂ 0 46 S.	21	29	Δ	10	19	29	11	m	57	S
23	F	♀ 0 20 N.	21	v	15	11	♂	v	24		47	1
24	T	♀ 2 10 S.	22	0	16	♂	19	17	†		55	2
25	W	h 2 39 N.	*	0	□	13	18	3	21		22	3
26	Th	v 0 6 N.	22	♂	17	14	18	♂	5	v	6	4
27	F	Advent Sunday:	□	1	*	15	*	5	19		3	5
28	T	Term ends.	22	1	19	16	18	7	3	≡	8	5
29	W	♂ 10 ♂	22	1	19	*	□	8	17		18	A
30	Th	St. Andrew Apost.	22	*	20	18	D	*	1	×	28	5

November 1687.

Month Days.

Mars after a six Months transite forsakes
The starry Skinker's silver powering streams,
And with Heavens fishes glides, and there partakes
Of their moist nature: we expect extreams
The porous earth to fill: the highest two,
Do moderate what the moist Stars would do.

Lunations and other Observations. | Aspects & weather.

- | | | |
|----|--------------------------------------|----------------------|
| 1 | Day 8 h. 50 m. decr. 7 h. 36 m. | |
| 2 | First Quarter 36 m. p. 11 bef. noon. | ♂ ♀ ☽ 2. Hasty |
| 3 | Long Parliament began. 1640. | showers by coast. |
| 4 | 3 <i>Antares occid. vespert.</i> | ☾ <i>Perigee.</i> |
| 5 | <i>Occasus matutinus Syrii.</i> | |
| 6 | 5 Bolton Castle surrendered. 45. | ☐ ♂ ☽ 2 3 Blu- |
| 7 | Pr. Henry dyed at St. James's. 12. | ☾ Suffering storms |
| 8 | A Fire at St. Catharines. 81. | ♂ ☉ ♀ of wet, |
| 9 | Full Moon 34 m. p. 6 morn. | continuing to sever- |
| 10 | 9 Denington Castle reliev'd. 44. | al days. |
| 11 | <i>Pleiades oritur manē.</i> | |
| 12 | Branford fight. 1642. | |
| 13 | 13 Col. Rainsborough slain. 48. | |
| 14 | 16 Day 8 h. 8 m. decr. 8 h. 18 m. | |
| 15 | Last Quarter 39 m. p. 10 night. | ☾ <i>Apogee.</i> |
| 16 | K. Ch. I. desires a personal Tr. 47. | * ♀ ☽ Cold |
| 17 | Courts of Justice sat at Oxford, 65. | winds, and dry. |
| 18 | Peace with France ratified. 55. | |
| 19 | Armies Remon France. 1648. | |
| 20 | Cor Scorp. orit. manē. | |
| 21 | Proposals to the K. at Oxford. 44. | ☾ ☽ |
| 22 | The Princess of Or. dyed. 1660. | ♂ ♀ ☽ Clearing |
| 23 | New Moon 9 at night. | winds drive the |
| 24 | | clouds and moi- |
| 25 | Staly execut. for Treas. words. 78. | sture. |
| 26 | The personal Tr. dissolv'd. 48. | |
| 27 | 27 Oc. ☽ or. across. | △ ♂ ☽ 7 m. show- |
| 28 | | ing weather, and |
| 29 | Mld. * of Androm. girdle rise mor. | warm for the sea- |
| 30 | | son. |

December hath xxxi days.

Upon Aquarius Mars leaves a stain,
And the Sign opposite cannot be free:
The Muscovite and Tartar may complain,
And's venom doth infect fair Italy:
The whole world lately in a sickly qualm,
Seeks for a harbour or a quiet calm.

Festivals, &c.		☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Lat.	S.
1	f	♈ 10 8.	22	2	♈	☐	Δ	10	15	36	4					
2	f	♈ 2 37 N.	22	☐	21	21	19	11	29	41	3					
3	a	♈ 0 5 N.	22	2	21	22	19	☐	13	43	2					
4	15	2 Advent.	♈	Δ	22	Δ	20	13	27	41	1					
5	c	♈ 0 29 S.	22	3	23	24	20	Δ	11	34	N					
6	d	♈ 2 54 N.	23	3	*	25	♈	14	25	11	1					
7	e	♈ 0 23 N.	23	3	24	26	20	15	8	57	2					
8	f		Δ	3	☐	♈	21	15	22	22	4					
9	f	♈ 2 35 N.	23	♈	25	28	21	16	5	32	4					
10	a	♈ 0 4 N.	☐	4	26	29	Δ	♈	18	27	5					
11	15	3 Advent.	23	4	Δ	29	22	R	0	56	5					
12	c	♈ 0 20 S.	23	4	27	☐	23	15	13	28	D					
13	d	♈ 3 45 N.	*	4	28	2	☐	14	25	36	5					
14	e	♈ 2 16 N.	23	Δ	28	Δ	24	14	7	31	5					
15	f	♈ 2 33 N.	23	5	29	4	*	Δ	19	24	4					
16	f	♈ 0 4 N.	23	☐	♈	☐	25	12	1	12	3					
17	a	♈ 0 15 S.	23	6	☐	6	26	☐	13	2	2					
18	15	4 Advent.	♈	6	1	7	26	10	25	6	1					
19	c	♈ 9 8.	23	*	2	*	27	*	7	14	3					
20	d	♈ 4 15 N.	23	♈	2	9	28	7	19	43	1					
21	e	St. Thomas Apost.	24	6	Δ	10	♈	6	2	42	1					
22	f	♈ 2 54 N.	24	6	3	11	29	5	16	2	3					
23	f	♈ 2 31 N.	*	7	☐	12	29	♈	29	46	4					
24	a	♈ 0 3 N.	24	♈	5	♈	♈	3	13	55	5					
25	15	Christ's Nativity.	☐	7	5	14	*	2	28	30	5					
26	c	St. Stephen.	24	8	*	15	2	1	12	55	A					
27	d	St. John Evang.	Δ	8	7	16	☐	*	27	31	5					
28	e	Innocent.	24	*	7	*	3	♈	12	4	4					
29	f	♈ 0 1 S.	24	8	8	18	4	☐	26	26	4					
30	f	♈ 4 31 N.	24	☐	♈	19	Δ	29	10	35	2					
31	a	♈ 1 40 N.	♈	9	9	☐	5	Δ	24	31	1					

December 1687.

Month Days.

*The Sun and Mars do warm the cloudy air,
Which Sol and Saturn spread with Sextile rays,
The Sun and Jove do clear and make it fair,
And somewhat lengtheneth our shortest days.
The Stars incline serenity to send,
And wholesome Frosts also the year to end.*

Lunations and other observations. Aspects & weather.

1	First Quarter 33 m. past 7 night.	☾ Perigeon.
2	Day 7 h. 40 m. decr. 8 h. 46. m	☐ ☉ ☿ 2 a Cloudy
3	Coleman executed, 78.	* ☉ ♄ and dark
4	(48.	weather, but warm
5	Kings concessions voted satisfactory	☾ ☽ for the sea-
6	<i>Cosmicus occasus canis minoris.</i>	son.
7	<i>Algernoon Sidney</i> behead. 83.	
8	Full Moon 50 m. past 8 night.	
9	8 <i>Cosmicus occasus canis minoris.</i>	
10		
11	Shortest day. Longest night.	
12		
13	<i>Arcturus vespere occid.</i>	A grateful and se-
14		rene time, pleasant
15	16 O. C. made Protector, 53.	☾ Apogee. for
16	Last Quarter 30 m. past 8 night.	☉ ☿ ♄ 8 m the
17		season, and whol-
18	<i>Lucida Hydra occidit mane.</i>	som frost.
19	Three Suns appeared. 1679.	☉ ☿ ♄ windy but
20	19 <i>Tongue, Philips, Gibs, Stubbs, exec.</i>	☾ dry moderate
21	for concealing of Treason. 62.	☉ ♄ ♄ 7 m. for
22		cold and frosty, yet
23	Sir Alex. Carew beheaded. 44.	☐ ☉ ☿ cloudy
24	New Moon 55 m. past 10 morn.	and variable.
25	24 <i>Edenburgh Castle</i> delivered. 50.	
26	25 L. Parliam. restored 3 ^d time. 59.	
27	26 Right should. of <i>Orion</i> ris. <i>Acron.</i>	
28	A great Fire in <i>wapping.</i> 82.	☾ Perigeon.
29	Major <i>Pitcher</i> shot to death, 48.	Dry, frosty, and
30	Sir <i>Tho. Fairfax</i> General. 44.	☐ ♄ ☉ 5 m. mo-
31	First Quarter 42 m. past 2 morn.	derately cold.

**A Table of the Four Terms, and their Returns, for
the Year, 1687.**

Hilary Term begins *January 24.* and ends *February 12.*
and hath four Returns.

Oftab. Hil. *January 20.* } Craft. Purificat. *February 3.*
Quind. Hil. *January 27.* } } Oftab. Purif. *February 9.*

Easter Term begins *April 13.* ends *May 9.*
and hath five Returns.

Quind. Pasch. *April 11.* } Quinque Pasch. *May 2.*
Tres Pasch. *April 18.* }
Mens. Pasch. *April 25,* } } Craft. Ascens. *May 6.*

Trinity Term begins *May 27.* ends *June 15.*
and hath four Returns.

Craft. Trin. *May 23.* } } Quind. Trin. *June 6.*
Oftab. Trin. *May 30.* } } Tres Trin. *June 13.*

Michaelmas Term begins *October 24.* ends *November 28.*
and hath six Returns.

Tres Mich. *October 20.* } } Craft. Martini *Novemb. 12.*
Mens. Mich. *October 27.* } } Oftab. Mart. *Novemb. 18.*
Craft. Anim. *November 3.* } } Quind. Mart. *Novemb. 24.*

Note, That the first and last days of every Term, are
the first and last of appearance.

Note, That the Exchequer opens eight days before
any Term, except Trinity Term, before which it opens
only four days.

The Glorious Planet *Venus* is oriental, and the Morn-
ing Star from the beginning of the Year till the 24th
of *January*, and then becomes occidental, and our E-
vening Star, or *Hesperus* or *Vesper*, and so continues till
the eighth of *November*, and then she becomes *Lucifer*,
or the Morning Star, and riseth before the *Sun* to the
end of this Year, and till the 24th of *August*, or *Bartho-
lomew Day*, 1688.

**A Table of Houses for the Latitude of 51 deg.
32. min.**

Time from noon.	in γ .						
H. M. N. O. II. III. IV.							
0	8	2	15	5	28	17	6
0	22	16	20	3	1	20	9
0	37	10	24	7	3	23	12
0	51	14	28	10	6	25	15
1	6	18	2	13	9	28	19
1	21	22	7	16	12	1	23
1	36	26	11	19	14	2	25
1	52	30	14	22	16	6	28

in δ

H. M. N. O. II. III. IV.							
2	3	3	17	24	18	9	25
2	19	7	21	27	21	11	4
2	34	11	25	31	24	14	7
2	50	15	29	33	27	17	11
3	6	19	2	36	29	20	14
3	22	23	6	39	32	23	18
3	39	27	9	42	35	26	21
3	51	30	12	44	37	28	24

in ϵ .

H. M. N. O. II. III. IV.							
4	4	3	15	19	20	26	
4	21	7	19	22	13	4	16
4	38	11	22	23	15	7	3
4	55	15	26	25	17	10	7
5	12	19	29	29	22	13	11
5	29	23	3	31	25	17	14
5	47	27	7	3	28	20	18
6	0	30	9	8	30	22	21

Time from noon.	in δ .						
H. M. N. O. II. III. IV.							
6	13	3	12	10	2	25	23
6	31	7	16	13	5	27	27
6	48	11	19	17	8	m	2
7	5	15	23	20	11	4	4
7	22	19	26	23	14	7	8
7	39	23	30	26	17	10	11
7	56	27	4	29	20	13	15
8	9	30	6	1	23	16	18

in ϵ .

H. M. N. O. II. III. IV.							
8	21	3	9	4	25	18	21
8	38	7	12	7	28	21	24
8	54	11	16	10	31	24	28
9	10	15	19	13	3	27	1
9	26	19	23	16	6	2	6
9	41	23	26	19	9	3	9
9	57	27	29	22	12	6	12
10	8	30	2	24	15	8	15

in ϵ .

H. M. N. O. II. III. IV.							
10	20	3	7	26	15	10	18
10	35	7	7	29	18	13	22
10	50	11	11	3	21	16	27
11	5	15	14	4	24	19	1
11	20	19	17	7	26	23	5
11	34	23	20	9	29	26	9
11	49	27	23	12	31	29	14
12	0	30	26	14	3	2	17

A Table of Houses for the Latitude of 51 deg. 34 min.

Time from noon.	☉ in ♈.						Time from noon.	☉ in ♋.					
	10	11	12	1	2	3		10	11	12	1	2	3
H. M.	♈	♈	♈	♈	♋	♋	H. M.	♋	♋	♋	♋	♌	♌
12 11	3	28	16	5	4	21	18 13	3	17	10	8	29	20
12 26	7	11	19	8	8	26	18 31	7	21	17	18	4	24
12 40	11	4	22	11	11	1	18 48	11	26	25	28	10	28
12 55	15	7	24	14	15	6	19 5	15	2	2	7	15	2
13 10	19	10	27	17	20	11	19 22	19	6	11	15	19	6
13 25	23	13	✓	20	24	17	19 39	23	11	19	22	24	10
13 40	27	17	3	23	29	23	19 16	27	16	18	28	27	13
13 52	30	19	5	25	33	27	20 9	30	20	5	3	30	16
☉ in ♊.							☉ in ♏.						
H. M.	♊	♊	♊	♊	♏	♏	H. M.	♏	♏	♏	♏	♐	♐
14 3	3	21	7	28	7	✓	20 21	5	24	11	7	3	19
14 19	7	25	10	1	13	7	20 38	7	✓	19	12	7	22
14 34	11	28	13	5	19	13	20 54	11	6	27	17	10	26
14 50	15	1	16	9	26	19	21 10	15	1	4	21	14	29
15 6	19	4	20	13	3	24	21 26	19	12	11	25	17	2
15 22	23	8	23	18	11	✓	21 41	23	23	19	29	20	5
15 39	27	11	27	23	19	6	21 51	27	29	23	2	23	9
15 52	30	14	29	27	26	10	22 8	30	3	27	5	27	11
☉ in ♒.							☉ in ♍.						
H. M.	♒	♒	♒	♒	♍	♍	H. M.	♍	♍	♍	♍	♎	♎
16 4	3	17	2	✓	✓	14	22 20	3	7	11	7	27	13
16 21	22	0	6	8	11	19	22 35	7	13	6	10	17	17
16 38	11	24	11	15	15	24	22 50	11	19	10	13	3	20
16 55	25	28	19	23	38	29	23 5	15	24	15	16	6	23
17 12	19	2	20	2	5	4	22 20	19	29	18	19	8	26
17 29	23	6	25	12	13	9	23 34	23	4	22	22	11	29
17 47	27	10	✓	22	2	13	23 48	27	9	26	25	14	2
18 0	30	13	6	30	24	17	24 00	30	13	28	27	16	4

Obfer.

Observations, for the Year 1687.

Proemium ad Librum Suum.

STrive not (my Muse) to climb the Sacred Hill,
In sublime tincture, for to dip thy quill:
Do not attend the Musick of the Sphears,
To inform the ungrateful man that stops his Ears:
Swim not like Phæton, through Heav'n's Orbs, who found
His Grave in water, ere he touch'd the Ground.
Should the whole Nine thee favour, let thee be
Plac'd in the Spere of thy Activity:
And should Urania thee Adopt, and set
Upon thy head a Laurel Crownet,
Yet all would not avail, alas hard fate!
Urania her self is out of date;
And among Tellus some esteem'd no more,
Than a fair painted Sign, hang at Heave's door:
Nights Glorious Lamps that beautify the Skie,
And made for Signs, yet nothing signify.
Yet set thou forth their interchanging course,
When they unite, and when they do divorce,
Thou maist their motions view, and their Aspects,
But silently pass over their effects.
Thou maist find out (in truth it's no small task)
When Sol puts on pale Luna's shady Mask;
And when the Moon doth wear a Beauty-Spot,
But what succeedeth it, pray tell them not.

Superior powers see that thou don't offend;
With what thou maist (in safety) please thy Friend.

The Explanation of the Calendar.

THE first Table after the Title Page, containeth two
Pages, and sheweth the Hour and Minute of the Δ 's
coming to the Sunb every day in the year, by which you
may find the Hour of the Night. When the Δ shines so
bright as to cast a shadow upon the Sun-dial, see where
the

Observations for the year 1687.

the shadow falls, if it wants of 12, count how many hour and minutes it wants of 12, and Substract that from the time of her *Southing*, and that is the hour of the Night; if upon any of the hours after, add it, and that is the hour of Night. By the help of the Table of the *D's Southing*, and the Table of the Ports following, you may find the time of High-water in any of those Ports, by adding the hours and minutes set against the Port, to the hours and minutes of the *D's Southing*, and the Agravate or Sum, is the time of High-water at that Port; the Operation is so plain and easy, that it needs no further Explanation by Example; only remember this, that if the \odot exceed the number 12, you must Substract the number 12, and the remainder is the hour and minute of High-water.

The Table of the P O R T S.

H. M.

<i>Queenborough, Southampton, Portsmouth, Isle of Wight.</i>	<i>00 00</i>
<i>Rochester, Mald, Aberd Redland, West end of the Nore.</i>	<i>00 45</i>
<i>Gravesend, Downs, Rumney, Silty, Blackness,</i>	<i>01 30</i>
<i>Dundee, St. Andrews, Lisbon, Bell Isle, Holy Isle.</i>	<i>02 15</i>
<i>London, Timmouth, Hartslepool, Whitebay, Amsterdam.</i>	<i>03 00</i>
<i>Barwick, Flamberough-head, Bridlington Bay,</i>	<i>03 45</i>
<i>Severn, Leith, Dunbar, Kingsale, Callice Creek.</i>	<i>04 30</i>
<i>Newcastle, Elumber, Falmouth, Dartmouth, Lizard.</i>	<i>05 15</i>
<i>Plimouth, Weymouth, Hull, Lynn, Lundy, Holmes</i>	<i>06 00</i>
<i>Bristol, Foulness, at the Start.</i>	<i>06 45</i>
<i>Milford, Bridgwater, Lands-end, Waterford, Texel.</i>	<i>07 30</i>
<i>Portland, Peter-port, Harflew, Hague, Dublin.</i>	<i>08 15</i>
<i>Pool, Catness Orkeny, Isle of Man, Bass Island.</i>	<i>09 00</i>
<i>Needles, Lusto, North and South Foreland.</i>	<i>09 45</i>
<i>Tarmouth, Dover, Harwich, Callice Road, Bullein.</i>	<i>10 30</i>
<i>Rye, Winchelsea, Goree, Thames, Rhodes.</i>	<i>11 15</i>

The next two Tables the exact time of the *D* rising and setting; seek the day of the Month in the first Columbe, and the Month on the head of the Table, and in the common meeting you have the hour and minute, which after the full

is her rising, and before the full is her setting, which the Intelligible Reader will perceive by Inspection.

The next two Tables have nine Columns, the 1 shews the Month, the 2 every five days of the Month, 3 the hour and minute of the ☉ rising every fifth day, 4 the ☉ setting, 5 the length of the day, 6 length of the night, 7 length of the planetary hour by day, 8 by night, 9 the quantity of twilight.

The left hand Page of the Almanack hath 11 columns. The 1 is the days of the Month, 2 days of the Week, 3 Festivals, &c. 4 the place of ♄ in Degrees, and the Aspects of the ☾ to him; the 5 of ♃, 6 of ♉, 7 of the ☉, 8 of ♀, 9 of ☿ and the ☽ Aspects as before, 10 the place of the ☽ in Degrees and Minutes, 11 the ☽ Latitude in Degrees. The right hand Page hath 3 Columns. The 1 the days of the Month. The 2 the Lunations, that is the change, full and quarters of the ☾; the rising and setting of some of the fixed Stars, and something of Chronology, such as may be Licensed. The 3 is the Mutual Aspects of the Planets, and judgment of the Weather.

The Table immediately after the Ephemerides, is the Table of the returns of the Terms. The next two Tables serve for the Erecting of a Figure, which serves only our Artist, who is not Ignorant of the use thereof.

Of the Winter Quarter.

THE ☉ Enters the South Tropical Sign \vee the 10 of December, 1686, at 20 hours and 16 minutes after noon, according to Astronomical computation, vulgarly on Saturday the 11 of December, at 16 minutes past 8 in the morning, o. d. 45 m. of \vee Ascends our Horizon.

6. 21. of π is upon the Midheaven.

The Quarter commenceth with cold winds and sharp, probably attended with Frost, and in some places Snow. Towards the latter end of the Month of December, there is a ☽ of the ☉ and ♄, and ♄ and ♀ which causeth the year to end with dark and cloudy Season, and in most places

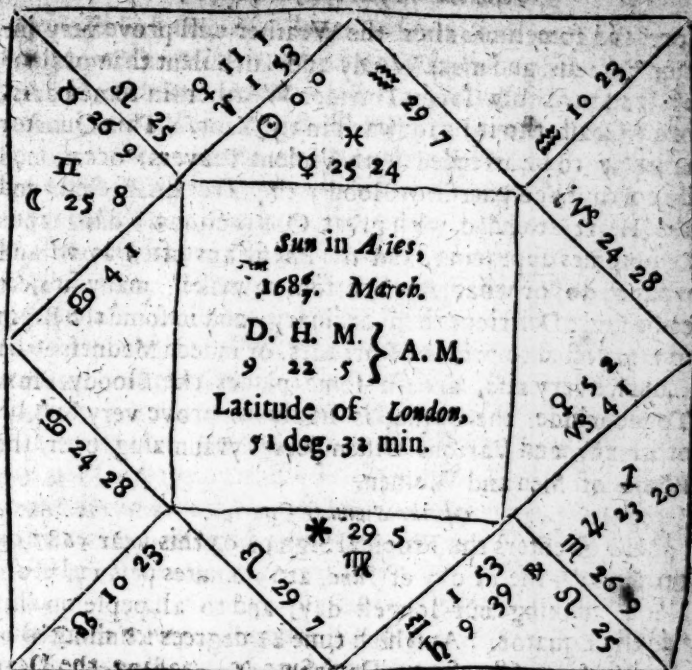
Observations for the year 1687.

great signs and likelihood of much Snow, or suchlike weather. We are under the Influence of the late Conjunction of ♄ and ♂, in a Cardinal Sign, and about this time the two Superiors come to a Sextile Aspect, the Planet ♃ transiting the place of our great Conjunction. *Heavens bless those Souls that Labour with an upright Heart for the Peace and Prosperity of Europe.* The variety of the celestial configurations in *January and February*, gives a probability of various and oft changing weather, and for the most part inclined to a Temperature. People probably about the beginning of the Winter (especially) will be subject to great Colds, Horseness, Coughs, more than in other times or Years, which if not quickly removed by the putrefaction of the Humours, viz. Phlegm, Melancholy, and Choler, the Blood will be much Corrupted; hence proceed long lingering Agues, and Feavers, and of a Malign quality too; consult the Physician timely if you be wise, upon the first occasion.

Of the Spring Quarter.

THE Spring Quarter always commenceth with the ☉'s Ingress into the Equinoctial Sign ♈, making the Days and Nights of Equal length. It happeneth this year on *Thursday* the tenth day of *March*, at 57 Minutes past nine in the morning, equal or middle time; at the apparent time the Heavens are disposed as in the Figure following.

Observations for the year 1687.



If, we collect the Essential Dignities of the Planets in the Principal, or Helegiacal Points of the Figure, the two fortunes seem to excel all the rest, and *Mars* seems to be most potent in the Figure, being Exalted in the Western Angle, casting his *Quartile* Sinister Beams between the *Sun* and *Venus*, and his *Quartile* Dexter at the Planet *Saturn*, which makes the Season not so pleasant as was hoped for. Nor do the Heavens appear with so smiling a face, nor with so harmonious Configurations as the two last months afforded. The various Aspects, and cross Configurations of the Month of *March*, cannot pass without some surable effects, the Weather Various, oft changing, the Winds high, cold and turbulent, and probably about the Full, sometime before

fore, and sometimes after, the Weather will prove very in-commodious, and more Windy and Turbulent than ordinary, and probably some Thunder Weather in some parts, or by Coast, tho it be forward in the Year. This Quarter is likely to be attended with violent Feavers, occasioned by corrupt and putrified Blood; the Liver disaffected, and the Heart attended with great Obstructions; dangerous Symptomes appearing, and the Physicians often at a stand what to do, or what Applications to make; many subject to be more Delirious than ordinary, and in some the Brain so Disaffected to procure Phrenesies, or indeed Madness; the Jaundice very rife, and in some places the Bloody-Flux. To conclude, the Spring is likely to prove very Sickly, and many and Varions Distempers Tyrannizing over the Bodies of Men and Women.

Of the Summer Quarter.

THE ☉ enters the Tropical Sign of ♊ this year 1687, on Saturday the 11 day of June, at 19 minutes past 11 before Noon, making our longest day, and to all people on this side the Equator. At which time 22 degrees 48 minutes of the Virgine Ascends our Horizon, and 20 degrees and 35 minutes of ♊ or the Twins Mediates the Heaven. The Dominion of this Quarter, according to the Ancient Method of Ptolomy, belong to ♋ and ♌ as having most Essential Dignities in the Helegiacal places of the Figures. ♋ is not far off from the Cuspis of the Midheaven, both Essentially and Accidentally Dignified. The three Superiors and the ♋ are under the Earth; ☉ in the Tenth, and ♋ in the Eleventh. The Quarter commenceth with flying Clouds, and a brisk Gale. The ☉ and ♋ cools the Air, spreads Clouds, and gives some Rain, yet a probability of good Summer Weather; the variety or change of Weather that happeneth therein, is monthly handled as formerly. Diseases that seem to Reign this Quarter, are Violent and Malignant Feavers, salt sharp Rhumes, and Distempers arising from

from such like Causes : Imposthumations or Ulcerations in or about the Secrets, the Hemorrhoids, Fistula's in Anus, the Pox, the Small-Pox and Measels among Children, Leprosies and Pestilential Distempers.

Of the Autumn or Harvest Quarter.

THE Autumnal Quarter commenceth with the *Sun* entrance into the Equinoctial Sign *Libra*, making the Days and Nights of equal Length, as they were at the Vernal-Equinox. It happeneth this Year on *Monday* the 12 of *September*, at 12 hours and 49 minutes past Noon, which is 49 minutes past Midnight; at that time 13 degrees and 19 minutes of the Celestial Ram is upon the Midheaven, and 5 degrees and 30 minutes of the Lion Ascends the Horoscope of *London*. *Jupiter*, *Saturn*, and *Venus*, have the Dominion of the Quarter, all the Planets are under the Earth, except the *Moon* and *Mars*, she in the Midheaven, and *Mars* in the Western Angle. The Quarter begins with Storms of Winds, Clouds, and probably some Showers, sudden and hasty near the Ingress : And the Month of *September* to end with Heat, Lightning and Thunder-Storms, with some Rain. The most part of the Quarter produceth weather Seasonable and befitting the Season This Quarter produceth Colds, afflicting the Head, Eyes, Rhumes falling upon the Breast, Throat and Wind-Pipe, Stomach, and Obstruction of the Reins and Kidneys, Faint Sweatings and Irregular Feavers.

Of the Eclipses that happen this year.

THERE are only two Eclipses, and both of them of the *Sun* Visible to the Inhabitants of the Earth, tho *Argol* saith that the Full *Moon* on the 17 day of *May* is Eclipsed, and others say not; my time for these Astronomical Recreations being but short, I only Calculated the Eclipse of the *Sun*, on the 1 of *May*, which is but a small one, tho supposed by some to be Great, that of the 26 of *October* will be over before the *Sun* is above our Horizon, there-

therefore cannot be Visible unto us, unless a small part thereof, which will hardly be Visible, because of the Mistiness of the Horizon. Of that of the 1 of May I will Inset a Synopsis of the Calculation.

		D.	H.	M.	S.
The	Middle time of the true Conjunction, May	1	00	41	34
	Place of the Luminaries	♂	20	53	15
	Argument of Latitude	11	29	7	7
	Latitude of the Moon South.			4	37
	Reduction to be added			00	12
	Place of the Moon in her Orbit	♂	20	53	27
	Hourly motion of the ☾ from ☉			31	38
	Time of Reduction to be Subtracted				23
	Middle time of the true & correct	1	00	41	11
	Equation of time to be added			6	50
	Apparent time at London	1	00	48	1
	Right Ascension of the Midheaven		60	36	9
	Midheaven in the Ecliptick	II	2	31	00
	Angle of the Meridian		78	38	28
	Declination of the Meridian		20	44	15
	Altitude of the Midheaven		59	12	15
	Altitude of the Nonagesimal degree		59	51	36
	Distance of the Midheaven from Nonage.de.	6	41	39	
	Nonagesimal degree	2	9	12	39
	Distance of the Sun from Nonagesi. deg.	18	19	9	
	Parallax of Longitude of ☾ from ☉			15	13
	Parallax of Latitude of ☾ from ☉			28	8
	To half an Hour after the true & May 1	1	00	18	1
	Right Ascension of the Midheaven		68	12	00
	Altitude of the Midheaven		60	28	00
	Altitude of the Nonagesimal degree		60	50	00
	Distance of the Midheaven from Nonage.de.	4	48	00	
	Distance of the Sun from Nonagesi. degree	23	45	00	
	Parallax of Longitude of ☾ from ☉			19	42
	Parallax of Latitude			27	18
					Difference

Observations for the year 1687.

	Difference of Parallax of Longitude Sub.	4 29
	Visible half hourly motion of γ from \odot	11 20
	Internal between the visible and true \odot add	40 17
	Apparent time of the visible \odot May 1	1 28 18
	Right Ascension of the Sun	48 29 00
	Right Ascension of the Midheaven	70 33 00
	Altitude of the Midheaven	60 47 00
	Altitude of the Nonagesimal degree	61 4 00
	Distance of Midheaven from Nonages. deg.	4 19 00
	Distance of Sun from Nonagesimal degree	25 24 00
	Parallax of Longitude of γ from \odot	21 2
	Parallax of Latitude of γ from \odot	27 6
	Visible Latitude of γ from \odot	27
	Sum of the Semidiameters of \odot and γ	32 11
	Parts deficient	2 44
	Digits Eclipsed	1 1 22
	Scruples of Incidence	12 59
The	To one hour before the visible \odot	28 18
	Parallax of Longitude of the γ from \odot	12 21
	Parallax of Latitude of γ from \odot	28 46
	Difference of Parallax Sub.	8 41
	Visible half hourly motion of γ from \odot	22 57
	To one hour after the visible \odot	2 38 18
	Parallax of Longitude of γ from \odot	29 2
	Parallax of Latitude of γ from \odot	26 22
	Difference of parallaxes for the hour after	8 00
	Visible hourly motion of Moon from Sun	23 38
	Time of Incidence	33 57
	Time of Repletion	32 58
	Total Duration	1 6 55
	Internal between the visible \odot and greater Ob	6 26
	Beginning is	1 0 47
	Visible Synod	1 28 18
	Greatest Obscuration	1 34 44
	End	2 7 42

The

The beginning, middle and end of this Eclipse is in the Ninth House. *Mercury* near the Eclipsed Luminaries, and Lord of the Angles Subsequent, and *Venus* is near the cusp of the Midheaven; these seem to have the Dominion of the Eclipse; and *Venus* seems to Beautify the House of Regality and Dominion; but the Planet *Mercury* is Debilitated in the House of Religion, and Retrograde, but Assisted by his Reception with *Venus*. The three Superiors are under the Birth, during this Solar Defect; but I shall not presume to say any thing of the Effects hereof, only that Astrologers Assign no Eminent Effects to attend a small Eclipse of the Luminaries. It signifieth damage to those things signified by the House, as damage at Sea, and prejudice to the Fruits of the Earth by unseasonable Weather, unwholesom Air, Consumptions, and lingering Diseases proceeding from Melancholy, strange Diseases, and death of great Cattel, and Mortality among Ancient People, &c.

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The *Thesaurum Mathematicum*, or the Treasury of the Mathematicks. Containing variety of useful Practices in *Arithmetick*, *Geometry*, *Trigonometry*, *Astronomy*, *Geography*, *Navigation* and *Surveying*; As also the Mensuration of Board, Glass, Tileing, Paving, Timber, Stone and Irregular Solids; likewise it teacheth the Art of Gauging, Dialling, Fortification, Military Orders, and Gunnery; It Explains the Logarithms, Sines, Tangents and Secants, with a Table of 1000 Logarithms, Log-Sines, and Log-Tangents, Illustrated with several Mathematical Sculptures on Copper Plates, by J. Taylor Gent. Sold by W. Freeman at the Artichoke in Fleetstreet.

A Table of the Southing of the y Stars every other day

1687											
January		February		March		April		May		June	
h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
17	53	54	46	40	2	7	54	15	10	9	17
37	45	58	38	33	2	9	46	10	10	3	3
57	37	58	30	31	47	1	32	11	58	9	52
77	29	5	22	30	37	1	45	11	50	9	43
97	21	5	14	30	30	1	37	11	42	9	25
117	12	5	6	30	22	1	30	11	34	9	17
137	3	5	0	30	14	1	23	11	26	9	19
156	55	4	52	3	7	1	15	11	18	9	10
176	47	4	44	3	0	1	7	11	10	9	2
196	38	4	37	2	53	0	59	11	2	8	54
216	30	4	29	2	47	0	52	10	54	8	46
236	22	4	22	2	40	0	45	10	46	8	38
256	14	4	14	2	33	0	38	10	38	8	30
276	6	4	7	2	26	0	31	10	30	8	22
295	58	5	2	18	0	32	10	22	8	18	29
315	50	5	2	10	0	31	10	13	7	13	31
July		August		September		October		November		December	
h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
18	56	56	48	40	2	9	46	10	10	9	17
37	45	58	38	33	2	9	46	10	10	3	3
57	49	5	48	3	54	2	5	9	4	8	54
77	40	5	41	3	47	1	38	11	55	9	45
97	32	5	33	3	40	1	30	11	47	9	36
117	24	5	25	3	32	1	23	11	38	9	27
137	16	5	18	3	25	1	15	11	30	9	18
157	8	5	10	3	18	1	7	11	21	9	9
177	0	5	3	3	11	1	19	11	13	9	0
196	52	4	55	3	4	1	12	11	4	8	51
216	44	4	48	2	57	1	4	10	56	8	42
236	37	4	41	2	50	0	56	10	47	8	33
256	29	4	34	2	43	0	48	10	38	8	24
276	22	4	27	2	35	0	40	10	29	8	15
296	14	4	20	2	27	0	32	10	20	8	7
316	7	4	12	2	0	0	24	10	11	7	58

The Table aforegoing is so plain and easy, that it needs no Explanation; however take this brief Rule, viz. Seek the Month in the head of the Columne, and the day of the Month on the side, and in the common Angle or meeting, you have the hour and minute of the seven Stars coming to the South Meridian; where note that A. stands for Afternoon, B. beforenoon, M. morning; for example,

On the 11 of *January*, they are upon the Meridian at 30 minutes past 6 in the afternoon. On the 11 of *June*, at 27 minutes past 9 beforenoon, and so of the rest. To find the time of their Rising and setting, do thus; to find their rising, Subtract 8 hours, and 16 minutes from the time of their Southing, and the remainder is the time of their rising. If the hours and minutes of the Southing be less than 8 hours and 16 minutes, you must add 12 thereto, that Substraction may be made. Add 8 hour and 16 minutes to the time of the Southing, and the Product is the time of their setting. If the number produced, exceed 12, deduct 12, and the remainder is the time of their setting, which every Intelligent Reader will easily be able (by inspection) to perform.

Having thus found the Southing of the 7 Stars, by their Southing you may easily find the Southing of any other of the fixed Stars, taking the difference of their right Ascensions, and converting those degrees and minutes of the Equator, into degrees and minutes of time, which being added to the hours and minutes of the 7 Stars Southing, giveth the hours and minutes of the Stars Southing, which you seek for. Thus may be found the Southing of any of the fixed Stars, and by their Semidiurnal Arch, their rising and setting may be easily obtained. By the small Table following you may find the hours and minutes to be added to the 7 Stars Southing, to give the time of the Southing of some of the most Eminent Stars, that have but small Latitude from the Ecliptick.

Observations for the year 1687.

	H.	M.
The middle star of Orions Belt	1	52
Aldebaran, the south Eye of the Bull	0	50
Syrus, the great Dog Star	3	3
The lesser Dog Star Procyon	3	54
The Head of Hydra	5	44
Cor Leonis the Lions Heart	6	23
The Virgins Spike	9	40
Arcturus	10	33
South Ballance	11	5
Antares or the Scorpions heart	12	42

To be ad.

These hours and minutes being added to the southing of the 7 Stars, give the hour and minute of their southing. For Example, I would know when the middle star of Orions Belt comes to the South on the 11 day of *Novem*. I first seek by the former Table when the 7 Stars south, and find against the 11 of *Novem*. 11 h. 38 m. afternoon, unto which I add 1 h. and 52 m. as the last Table directs; the Sum deducting 12, is 1 h. 30 m. therefore the Stars of Orions Belt come to the South at half an hour past 1 in the morning. This Orions Belt is known to the Country people by the Name of the Ladys Wand or Yard; In some Cuntries it is called the EH and the Yard.

There is another sort of rising and setting of the Stars, as they relate to the Sun, and I have in every month noted them, and shall here explain them; the 1 is *Ortus Cosmicus*; the Cosmical, or Matutine rising, is when a Star riseth above the Horizon with the Sun, or with that point of the Ecliptick, wherein the Sun is at that instant.

Occasus Cosmicus, or Cosmical setting, is when a star setteth in the morning in the *West*, at the same instant when the Sun ariseth in the *East*.

The Acronical or Vespertine rising of a Star, is when a Star riseth in the *East* Horizon, when the Sun setteth in the *West* Diametrically opposite; but the Acronical or true respective setting, is when a star goeth down under the Horizon with the Sun.

A Star is said to rise *Helicallly*, when having been hid under the Beams of the Sun, it begins to appear. To rise *Helicallly* is when a star hath been seen, but by the approach of the Sun is hid and overshadowed, and becomes invisible.

And now my Book farewell, go take thy Fate.

And serve thy Country till th'art out of Date.

Tell them thou medlest not beyond thy Sphere;

All things above thee, thou durst not come near.

As God Commands, shew thy obedience;

Ever take care, never to give offence,

In doing so, thou safely mayst Predict,

Thy twelve months Travel none will Interdict.

If thou discourag'd be, assure thy Friend,

Unto thy Travel here we'll put an end.

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FINIS.